

# PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT STANLEY ELAM VACANT LOT RAILROAD AVE. AND MT. PLEASANT RD. HERNANDO, MS 38632

### PREPARED FOR:

THE CITY OF HERNANDO 475 WEST COMMERCE STREET HERNANDO, MS 38632

### PREPARED BY:

P.O. BOX 1246
MADISON, MISSISSIPPI 39130

EarthCon Project No. 02.20130128.13

Date: May 7, 2014

This Phase I Environmental Site Assessment report was prepared and reviewed by:

Chris Gillentine Senior Geologist

Joseph B. McKinney, P.G. Senior Consultant

Richard H. Crawford, P.E. Principal Engineer (MS, AL, TN, FL, LA, TX)

### **Environmental Professional Statement:**

I declare that, to the best of my professional knowledge and belief, I meet the definition of environmental professional as defined in §312.10 of 40 CFR Part 312 and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Chris Gillentine Senior Geologist

### **COMMON ACRONYMS**

The following acronyms are commonly used in Phase I Environmental Site Assessment reports:

AST Aboveground Storage Tank

ASTM American Society for Testing and Materials, now known as ASTM International

AULs Activity and Use Limitations

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act

CERCLIS Comprehensive Environmental Response, Compensation and Liability

Information System

CORRACTS Facilities subject to Corrective Action under RCRA

CREC Controlled Recognized Environmental Condition

EPA Environmental Protection Agency

ERNS Emergency Response Notification System

ESA Environmental Site Assessment
FOIA U.S. Freedom of Information Act

HREC Historical Recognized Environmental Condition

LQG Large Quantity Generator

LUST Leaking Underground Storage Tank

MSDS Material Safety Data Sheet

NFRAP No Further Remedial Action Planned

NFA No Further Action

NPDES National Pollutant Discharge Elimination System

NPL National Priorities List

PCBs Polychlorinated biphenyls

PRP Potentially Responsible Party

RCRA Resource Conservation and Recovery Act

REC Recognized Environmental Condition

RMP Risk Management Plan SQG Small Quantity Generator

SSTS Section Seven Tracking System for Toxics/Pesticides

TIER 2 Reporting Required by the Emergency Planning and Community Right-to-Know

Act (EPCRA), Section 312

TSDF Treatment, Storage and Disposal Facility

USGS United States Geological Survey

UST Underground Storage Tank



### **CONTENTS**

1.0	SUM	//MARY1				
2.0	INTR	INTRODUCTION				
	2.1	Prope	erty Description	2		
	2.2	Purpo	ose	2		
	2.3	Scope of Services2				
	2.4	Assur	mptions and Limitations	3		
	2.5	Special Terms and Conditions				
	2.6	User Reliance				
	2.7	Continued Viability of the Phase I ESA4				
3.0	USE		/IDED INFORMATION			
	3.1	Owne	r, Property Manager and Occupant Information			
	3.2	Reason for Performing Phase I ESA				
	3.3		onmental Liens and AULs			
	3.4	Specialized Knowledge				
	3.5	Reason for Significantly Lower Purchase Price				
	3.6	Commonly Known or Reasonably Ascertainable Information				
	3.7	Obvious Conditions Indicative of RECs				
	3.8	User Provided Documents5				
4.0	REC	RECORDS REVIEW				
	4.1	Physical Setting of the Property				
	4.2	Standard Environmental Record Sources				
		4.2.1	Federal and State Agency Database Findings			
		4.2.2	Additional Environmental Record Sources			
	4.3	Histor	rical Use Review	(		
	4.4	Data Failure1				
5.0	SITE RECONNAISSANCE1					
	5.1	Metho	odology and Limiting Conditions	13		
	5.2	General Site Setting				
	5.3	Current Use of the Property1				
	5.4	Indications of Past Uses(s) of the Property1				
	5.5	Current Use(s) of Adjoining Properties1				
	5.6	Evidence of Past Use(s) of Adjoining Properties1				
	5.7	Current or Past Use(s) in the Surrounding Area1				
	5.8	Physical Setting Observations14				
		-	<del>-</del>			



	5.9	General Description of Structures	14
	5.10	Roads	14
	5.11	Potable Water Supply	14
	5.12	Sewage Disposal System	14
	5.13	Interior and Exterior Observations	14
		5.13.1 Hazardous Substances and Petroleum Products Use/Storage	14
		5.13.2 Storage Tanks	14
		5.13.3 Odors	14
		5.13.4 Pools of Liquid	14
		5.13.5 Drums / Containers	14
		5.13.6 Unidentified Substance Containers	15
		5.13.7 Polychlorinated Biphenyls (PCBs)	15
		5.13.8 Pits, Ponds or Lagoons	15
		5.13.9 Exterior Stained Soil or Pavement / Interior Stains or Corrosion	15
		5.13.10 Stressed Vegetation	15
		5.13.11 Solid Waste Generation	15
		5.13.12 Waste Water Generation	15
		5.13.13 Storm Water Management System	15
		5.13.14 Wells	15
		5.13.15 Septic Systems	15
		5.13.16 Drains and Sumps	15
6.6	INTE	RVIEWS	16
	6.1	Property Owner Interview	16
	6.2	Past Property Owner Interview	16
	6.3	Key Site Manager Interview	16
	6.4	Interviews with Local Government Officials	16
7.0	Evalu	uation	17
	7.1	Findings	17
	7.2	Opinions	17
	7.3	Data Gaps	17
	7.4	Conclusions	
	7.5	Environmental Professional Qualifications	
3 0	RFF	RENCES	18



### **Appendices**

Appendix A – Figures

**Appendix B – User Provided Information** 

**Appendix C – Environmental Regulatory Database Report** 

**Appendix D – Historical Use Documentation** 

**Appendix E – Site Photographs** 

Appendix F - Resumes/Qualifications



### 1.0 SUMMARY

EarthCon Consultants, Inc. (EarthCon) has completed a Phase I ESA of the Stanley Elam vacant lot property located at the intersection of Railroad Avenue and Mount Pleasant Road, Hernando, DeSoto County, Mississippi (herein referred to as the "Property"). The Phase I ESA was conducted as part of a Brownfields redevelopment grant awarded in October 2013 to the City of Hernando (collectively referred to herein as the "User"). The objective of the Phase I ESA was to identify RECs as defined by ASTM Practice E 1527-13. The following is a brief summary of the findings and conclusions from the Phase I ESA.

### **Property Description**

The Property is unimproved and is covered in native grasses. The Property is approximately 0.90 acres in size.

### **User-Provided Information**

The User did not provide information that was indicative of RECs in connection with the Property.

### **Environmental Record Sources**

Information obtained from a review of regulatory agency records was not indicative of RECs in connection with the Property. The Property was not shown on any environmental database searches.

### Historical Use Review

The earliest historical source reviewed, a topographic map dated 1944, shows the Property as unimproved. The Property has been vacant since at least 1982.

The adjoining properties have historically been developed for residential and light commercial use since at least 1909. The properties continue to be used for this purpose today.

### Site Reconnaissance

The facility was inspected by Chris Gillentine of EarthCon. The site contained no improvements and was covered in native grasses. Storm sewer easements were observed along the eastern, southern and western property boundaries.

The surrounding properties are light commercial and continue to be used for that purpose today.

### Interviews

Mr. Elam stated that he owned the Property since 1999 and he purchased it from Mr. Robert Smith. Mr. Elam stated that the Property was once part of a larger tract of land and he subdivided it after purchase. Information obtained from interviews with the Property owner and local agency personnel was not indicative of a REC in connection with the Property.

### **Conclusions**

Based on the findings of this Phase I ESA no evidence of RECs was observed in connection with the Property.



### 2.0 INTRODUCTION

### 2.1 Property Description

The subject property is located on the southeastern corner of the intersection of Railroad Avenue and Mount Pleasant Road, DeSoto County, Hernando, Mississippi. It is located on the south side of Railroad Avenue and west of Mount Pleasant Road as shown on Figures 1 and 2 (Appendix A). The subject property is less than one acre in area and measures approximately 220 by 177 feet. According to information obtained from the DeSoto County Assessor's website, the site is identified as Parcel # 307418003-00011; township 03S, range 7W, section 18, owned by Mr. Stanley Elam of Hernando, Mississippi.

### 2.2 Purpose

The purpose of this ESA was to identify recognized environmental conditions (RECs) in connection with the Property by reviewing information provided by the user and conducting a records review, a site reconnaissance, and interviews as described in ASTM Designation: E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. A REC is defined by ASTM E1527-13 as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment." The term "REC" is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environmental and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions that are determined to be *de minimis* are not RECs.

A REC may be qualified as a Historical REC (HREC) or a Controlled REC (CREC) depending on whether corrective measures were implemented as a result of a REC, the extent of corrective measures completed, and whether a regulatory agency was involved in oversight of corrective action.

This assessment also considered whether Historical RECs (HRECs) or Controlled RECs (CRECs) may exist in connection with the Property. An HREC may exist if a past release of a hazardous substance or petroleum product has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent) or meeting unrestricted use criteria without subjecting the property to any required controls (e.g., property use restrictions, activity and use limitations, institutional controls, or engineering controls). A CREC may exist if a past release of a hazardous substance or petroleum product has been addressed to the satisfaction of the applicable regulatory authority and hazardous substances or petroleum products are allowed to remain in place with controls, such as property use restrictions, activity and use limitations, institutional controls, or engineering controls.

### 2.3 Scope of Services

This ESA was conducted in accordance with EarthCon Proposal Number 02.01210023.55.01.13068, dated February 7<sup>th</sup>, 2013, and the ASTM Practice E1527-13, and is consistent with a level of care and skill ordinarily practiced by the consulting profession currently providing similar services under similar circumstances. Significant additions, deletions or deviations to ASTM Practice E 1527-13 are noted below or in the corresponding sections of this report.



### 2.4 Assumptions and Limitations

EarthCon has prepared this Phase I ESA using reasonable efforts to identify RECs in connection with the Property. Findings within this report are based on observations made on the day of the site reconnaissance and a review of reasonably ascertainable information obtained from private data vendors, public agencies, and other referenced sources.

The ASTM Practice E1527-13 recognizes inherent limitations for ESAs that apply to this report, including the following:

- Uncertainty Not Eliminated No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property.
- Not Exhaustive An ESA is not an exhaustive investigation, as it relies on information that is publicly available, obtainable from its original source within reasonable time and cost constraints, and is practically reviewable.
- Past Uses of the Property Review of standard historical sources at less than five-year intervals is not required.

Users of this report may refer to E1527-13 for further information regarding these and other inherent limitations.

This report is not definitive and should not be assumed to be a complete or specific definition of all conditions above or below grade. Current subsurface conditions may differ from the conditions implied by surface observations or historical sources and can be most reliably evaluated through intrusive techniques that were beyond the scope of this assessment. Information in this report is not intended to be used as a construction document and should not be used for demolition, renovation, or other construction purposes. EarthCon makes no representation or warranty that the past or current operations at the Property are, or have been, in compliance with all applicable federal, state or local laws, regulations and codes. This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated. Regardless of the findings stated in this report, EarthCon is not responsible for consequences or conditions arising from facts that were not fully disclosed to EarthCon before or during the assessment.

An independent data research company provided the government agency database referenced in this report. Information on surrounding area properties was requested for approximate minimum search distances and was assumed to be correct and complete unless obviously contradicted by EarthCon's observations or other credible referenced sources reviewed during the assessment.

Reasonable efforts were made to identify evidence of ASTs and USTs and ancillary equipment on the Property during the assessment. "Reasonable efforts" were limited to observation of accessible areas, review of referenced public records, and interviews. These methods may not identify subsurface equipment or evidence hidden from view by things such as, but not limited to, paving, construction activities, stored materials and landscaping.

Unless site-specific hydrogeological information indicating groundwater flow direction was provided, the assumption was made that groundwater flow mimics the topography of the land surface.

Acquiring a chain-of-title was excluded from the scope of work for this Phase I ESA. EarthCon is not a professional title insurance or land surveyor firm and makes no guarantee, explicit or implied, that any land title records acquired or reviewed, or any physical descriptions or



depictions of the Property in this report represent a comprehensive definition or precise delineation of Property ownership or boundaries.

The opinions provided herein are based on information obtained during the course of the assessment, experience with similar sites and/or conditions, and EarthCon's professional judgment at the time services were provided.

The Certification provided herein means this Phase I ESA was conducted or reviewed by an individual employed by EarthCon that is a state-licensed engineer or geologist, or otherwise has qualifications consistent with the definition of Environmental Professional (EP) in the EPA's All Appropriate Inquiries (AAI) rule (40 CFR Part 312). It is EarthCon's understanding of the AAI rule that the EP does not necessarily need to be registered in the state where the Property is located. The scope of work was conducted according to EarthCon's contract with City of Hernando, Mississippi, consistent with ASTM E1527-13 and the AAI rule with any deviations and limitations stated herein, using the professional judgment of the persons conducting the assessment. The Certification is not a warranty or guarantee of the services provided by EarthCon.

Other assumptions, limitations and exceptions that are specific to the scope of this report may be found in corresponding sections.

### 2.5 Special Terms and Conditions

There were no special terms and conditions associated with the conduct of this Phase I ESA.

### 2.6 User Reliance

This report is for the use and benefit of, and may only be relied upon by the City of Hernando, Mississippi. No additional third party may rely on this report without the express written permission of EarthCon and the City of Hernando.

### 2.7 Continued Viability of the Phase I ESA

According to ASTM Practice E1527-13, a Phase I ESA completed less than 180 days prior to the date of acquisition of the Property is presumed to be valid for the intended user for purposes of qualifying for landowner liability protections (LLPs) under CERCLA. If this period is greater than 180 days, but less than one year, certain portions of the assessment must be updated. After a period of one year, this Phase I ESA is no longer valid for purposes of qualifying for LLPs under CERCLA.



### 3.0 USER PROVIDED INFORMATION

ASTM Practice E 1527-13 describes tasks to be performed by the User (i.e., the City of Hernando, Mississippi) to help identify the possibility of RECs in connection with the Property. The User provided EarthCon with a questionnaire that had been completed by Gia Matheny, Community Development Director of the City of Hernando. A copy of the completed questionnaire is included in Appendix B. The following is a summary of the information provided.

### 3.1 Owner, Property Manager and Occupant Information

The Property was reported to be vacant with no improvements.

### 3.2 Reason for Performing Phase I ESA

The Phase I ESA is being performed in connection with a Brownfields Grant.

### 3.3 Environmental Liens and AULs

Knowledge regarding environmental liens or activity and use limitations (AULs) in connection with the Property was not indicated in the completed questionnaire.

### 3.4 Specialized Knowledge

Specialized knowledge or experience that is material to RECs in connection with the Property was not indicated in the completed questionnaire.

### 3.5 Reason for Significantly Lower Purchase Price

This section was not answered by the user. This report is part of a Brownfields Grant.

### 3.6 Commonly Known or Reasonably Ascertainable Information

Ms. Matheny had no commonly known or reasonably ascertainable information regarding the Property.

### 3.7 Obvious Conditions Indicative of RECs

The completed questionnaire did not identify obvious indications that point to the presence or likely presence of contamination at the Property.

### 3.8 User Provided Documents

EarthCon was provided the Property address, a user questionnaire, and the contact information for the Key Site Manager. Information provided through the City of Hernando revealed no evidence of RECs in connection with the Property.



### 4.0 RECORDS REVIEW

### 4.1 Physical Setting of the Property

### USGS 7.5-Minute Topographic Map Review

Based on a review of the USGS 7.5-Minute Series Hernando, Mississippi quadrangle map dated 1982, the Property is situated at an elevation of between approximately 360 and 370 feet above mean sea level. The USGS topographic quadrangle map depicts the Property as having relatively flat topography with a gentle slope toward the south. Properties to the north are slightly higher in elevation with property to the south below the elevation of the Property. A copy of a portion of the topographic map is included in Appendix A.

### Geology/Hydrogeology

According to information included in the EDR report, the subject property is underlain by the Eocene Claiborne Group, which consists of sandstone and mudstone deposited in deltaic and shallow marine settings.

### Soils

Based on United States Department of Agriculture Natural Resource Conservation Service (NRCS) soil survey mapping for the area, the dominant soil composition in the area of the Property is Loring silt loam and Loring silty clay loam. This soil is typically found on shoulders or side slopes and in a linear down-slope shape, with a parent material of loess deposits. It is moderately well drained and does not meet the criteria for hydric soil classification. The depth of this soil type at the Property is 0 to 77 inches.

### Hydrology

The Property slopes downward from north to south. Based on local topography, groundwater flow is assumed to flow to the southwest towards Mussacuna Creek.

### 4.2 Standard Environmental Record Sources

Standard Federal, State and Tribal environmental record sources were reviewed by acquiring an environmental regulatory agency database report from Environmental Data Resources, Inc. (EDR). The record sources searched and approximate minimum search distances reviewed were consistent with ASTM E1527-13, Section 8.2.1. A copy of the EDR report is included in Appendix C.

The environmental regulatory agency database report discussed in this section was provided by EDR on March 6<sup>th</sup>, 2014. The EDR report was reviewed for information regarding reported releases of hazardous substances and petroleum products on or near the Property. Those facilities that were found to be within the ASTM minimum search distances and a potential source of impact to the Property are discussed below. EarthCon also reviewed the "unmappable" (also referred to as "orphan") listings within the database report, cross-referencing available address information. Unmappable sites are listings that could not be plotted with confidence, but are potentially in the general area of the Property based on the partial street address, city, or zip code. Any unmappable site that was identified by EarthCon as being within the approximate minimum search distance from the Property based on the site reconnaissance and/or cross-referencing to mapped listings is included in the discussion within this section. A copy of the EDR report is included in Appendix C.



The following is a summary of the databases reviewed:

Standard Regulatory Database	Approx. Minimum Search Distance
Federal National Priority List (NPL)	1.0 mile
Federal Delisted NPL site list	0.5 mile
Federal CERCLIS list	0.5 mile
Federal CERCLIS NFRAP site list	0.5 mile
Federal RCRA CORRACTS facilities list	1.0 mile
Federal RCRA non- CORRACTS TSD facilities list	0.5 mile
Federal RCRA Generators	Property & Adjoining
Federal ERNS (Emergency Response Notification System) list	Property
State and tribal -equivalent CERCLIS (CSCSL)	0.5 mile
State and tribal Landfill or Solid Waste Disposal sites	0.5 mile
State and tribal Leaking Underground Storage Tanks (LUST)	0.5 mile
State and tribal Registered Storage Tanks	Property & Adjoining
State and tribal Institutional Control/Engineering Control registries	Property
State and tribal Voluntary Cleanup sites	0.5 mile
State and tribal Brownfield sites	0.5 mile
Additional Regulatory Database	Approx. Minimum Search Distance
Local Brownfield lists	0.5 mile
Local List of Landfill/Solid Waste Disposal Sites	Property
Local List of Hazardous Waste/Contaminated Sites	Property
Local Land Records	Property
Emergency Release Reports	Property
Other Ascertainable Records (see executive summary in Appendix C)	Property

Criteria used to determine whether a listed facility is considered a REC include distance from the property, area topography and presumed groundwater flow direction, and/or nature of reported releases.

### 4.2.1 Federal and State Agency Database Findings

Hernando Equipment (193 East Commerce Street), approximately 350 feet west/northwest of the Property, is listed as having USTs on-site. After discussions with Mr. Stanley Elam, it was concluded that the subject Property does not currently have USTs on-site, and no USTs were located on the Property in the past. Mr. Elam stated that correspondence from a separate property (DeSoto School Bus Lot) that contained USTs came to this address during closure and Brownfields proceedings.

Town Square Market at 2480 Highway 51 South, is located approximately 2,700 feet west of the Property. This site is listed as having USTs, LUST and RGA LUST. Records show that the LUST status is currently open.

The DeSoto School Bus Lot at 425 East Commerce Street is located approximately 750 feet northeast of the Property. This site is identified as a brownfields site listed in the SHWS, ENG CONTROLS, INST CONTROL databases. The major contaminant is listed



as total petroleum hydrocarbons (TPH). A no Further Action status was issued in 2002 with engineering and institutional control.

Alumax Extrusions at 2785 McCracken Road, located approximately 1,600 feet southwest of the Property, is listed in the SHWS (state CERCLA-equivalent) database and the state RGA HWS (recovered government archive state hazardous waste database).

The Green Duck Corporation, 2601 Elm Street, located approximately 4,000 feet west of the Property, is listed in the SWHS database. It is listed as a voluntary cleanup site with the major soil and groundwater contaminant 1, 2- dichloroethene.

The Circle K #9806 at 586 East Commerce Street, located approximately 1,800 feet east/northeast of the Property, is identified as a LUST site with a closed status. Two 5,200-gallon gasoline USTs were closed in 1990, one 6,000-gallon gasoline UST was closed in 1990, and one 8,000-gallon gasoline UST was closed 1990. Two 12,000-gallon gasoline USTs are currently in use, and one 12,000-gallon diesel UST is currently in use. A NFA status was issued in 1991 for a release reported in 1990, and a NFA status was issued in 2003 for a release reported in 1992.

The Hernando Gas Mart at 630 East Commerce Street, located approximately 2,000 feet east/northeast of the Property, is identified as a LUST site with a closed status. Three 10,000-gallon gasoline USTs were closed in 2013, one 1,000-gallon used oil UST was closed in 1992, one 4,000-gallon diesel UST was closed in 1999, and one 4,000-gallon diesel UST was closed in 2013. A release was reported in April 2013 and received NFA status in July 2013.

No sites were listed on Tribal databases.

### 4.3 Additional Environmental Record Sources

- The Desoto School Bus Lot at 425 E. Commerce Street is listed in the US BROWNFIELDS list and as a RGA HWS site. The RGA HWS is listed from 2000-2012 as Desoto School Bus Lot.
- Properties at 345, 350 and 381 East Commerce Street are located approximately 500 feet to the northeast. They are all listed on the EDR list of US Historical Auto Stations. These three addresses correspond to the DeSoto County School Bus Lot location.
- A-OK Cleaners (2440 Mount Pleasant Rd), located 780 feet north-northeast of the Property, and Blue Ribbon Laundry and Cleaners (116 E Commerce St), located approximately 940 feet northwest of the Property, are listed on the EDR list of US historical cleaners.



- Hernando Automotive is located at 155 E Center Street and is located approximately 2,100 feet west of the Property. It is listed on EDR list of US Historical Auto Stations.
- Desoto Transmission is located at 310 E. South Street and is located approximately 290 feet southeast of the Property. It is listed in the EDR list of US Historical Auto Stations.
- Coin Laundry is located at 241 E. Commerce Street and is located approximately 300 feet to the northwest. It is listed in the EDR list of US Historical Cleaners.

In addition, EarthCon performed searches of the following resources to identify potential RECs:

ADDITIONAL ENVIRONMENTAL RECORD REVIEW SUMMARY					
Date Source Property Finding					
4/16/2014	Google Internet Search	Property and Adjacent	No RECs were identified.		
4/16/2014	MDEQ Website File Search	Property and Adjacent	No RECs were identified		

Based on the review of environmental record sources, no RECs were identified in connection with the Property.

### 4.4 Historical Use Review

The following table identifies the standard and other historical use sources and summarizes whether they were reviewed or excluded for this Phase I ESA:

HISTORICAL USE SOURCES				
Туре	Source(s)	Reviewed or Excluded		
Aerial	EDR	Aerial photographs from 1975 to 2012 were reviewed.		
Photographs				
Fire Insurance	EDR	Sanborn fire insurance maps from 1909, 1915, 1925 and		
Maps		1936 were reviewed		
Property Tax Files	DeSoto County	Current Property Tax Files were reviewed.		
Land Title Records	Not Reviewed	Title records were not reviewed because they are not likely		
		to provide useful information.		
USGS	EDR	Maps dated 1944 and 1982 were reviewed; maps dated		
Topographic Maps		prior to 1944 were not available.		
City Directories	EDR	City directories from 1996, 1999, 2003, 2008 and 2013		
		were reviewed. Prior city directories are not likely to		
		provide useful information.		
Building	Not Reviewed	Building department records were not reviewed.		
Department				
Records				
Zoning/Land Use	Not Reviewed	Current zoning designation was obtained; historical zoning		
Records		records were not available.		



HISTORICAL USE SOURCES		
Type Source(s) Reviewed or Excluded		
Other Historical Sources	NRCS	A NRCS soils map dated 1959 was reviewed. No other historical sources (e.g., maps, newspapers, historical society records, library records) were reviewed because they were not reasonably ascertainable or likely to provide useful information.

The following table provides a summary of the historical sources of information, dates, and uses in chronological order beginning with the earliest available source. A discussion of historical uses of the Property and adjoining properties follows the table. Copies of reproducible historical use documentation are provided in Appendix D.

	HISTORICAL USE FINDINGS			
Date	Туре	Source	Description	
1909	Sanborn Map	EDR	Property: The Property was not shown on the map.	
			Adjacent Property: The adjacent properties show no development (Note: Map appears truncated and may not depict properties accurately)	
1915	Sanborn Map	EDR	Property: The Property was not shown on the map.	
			Adjacent Property: The adjacent property to the west shows development with residential property with the remainder of the adjacent properties with no development. (Note: Map appears truncated and may not depict properties accurately)	
1925	Sanborn	EDR	<b>Property:</b> The Property was not shown on the map.	
			Adjacent Property: The adjacent property to the west shows development with residential property with the remainder of the adjacent properties with no development. (Note: Map appears truncated and may not depict properties accurately)	
1936	Sanborn	EDR	<b>Property:</b> The Property was not shown on the map.	
			Adjacent Property: The adjacent property to the west shows development with residential property with the remainder of the adjacent properties with no development. (Note: Map appears truncated and may not depict properties accurately)	
1944	USGS	EDR	Property: The Property was undeveloped.	
	Topographic Map		Adjacent Property: No changes in property use were apparent. Scale and clarity prevent a determination on adjacent property usage.	
1959	NRCS Soils	NRCS	Property: The Property was undeveloped.	
	Мар		Adjacent Property: No changes in property use were apparent. Scale and clarity prevent a determination on adjacent property usage.	
1975	Aerial Photograph	EDR	<b>Property:</b> The Property was undeveloped. A small feature appears on the northern side of the Property. Due to clarity and scale, a definitive identification could not be ascertained.	



	HISTORICAL USE FINDINGS				
Date	Туре	Source	Description		
			Adjacent Property: The adjacent property to the west shows commercial development with Hernando Lumber Company, north shows wooded land, east and south show vegetation covering the properties. Scale and clarity prevent a determination of adjacent property usage.		
1982	USGS	EDR	Property: The Property was undeveloped.		
	Topographic Map		Adjacent Property: No changes in adjacent property use were apparent. Scale and clarity prevent a determination on adjacent property usage.		
1985	Aerial	EDR	<b>Property:</b> The property was shown as it is today.		
	Photograph		Adjacent Property: The adjacent property to the west shows commercial development with Hernando Lumber Company, north shows wooded land, east shows development of the DeSoto Co-Op and south shows vegetation covering the property. Scale and clarity prevent a determination of adjacent property usage.		
1991	Aerial Photograph	EDR	<b>Property:</b> The property was being used for storage on the grounds.		
			Adjacent Property: The adjacent property to the west shows commercial development with Hernando Lumber Company, north shows development with a building, east shows development of the DeSoto Co-Op and south shows vegetation covering the property.		
1996	City Directory	EDR	Property: No listing.		
1998	Aerial	EDR	Property: The property was shown as it is today.		
	Photograph		Adjacent Property: No changes in adjacent property usage were shown. Clarity of the image prevents a determination of adjacent property usage.		
1999, 2003	City Directory	EDR	Property: No listing.		
2005,	Aerial	EDR	Property: The Property was shown as it is today.		
2006, 2007	Photograph		Adjacent Property: No changes in adjacent property usage were shown.		
2008	City Directory	EDR	Property: No listing.		
2009,	Aerial	EDR	Property: The property was shown as it is today.		
2010, 2012	Photograph		<b>Adjacent Property:</b> The adjacent properties were shown as they are today.		
2013	Тах Мар	Desoto County Tax Assessors	Property: The Property was shown as it is today.  Adjacent Property: The adjacent properties were shown		
	0	Office	as they are today		
2013	City Directory	EDR	Property: No listing.		

### Discussion of Historical Property Use

The earliest map reviewed, an historical topographic map dated 1944 shows the property as not having any structures present. Based on available historical sources, the property was first developed during or prior to 1944 as part of residential property in the area. An aerial



photograph, dating 1975 shows the property with a small unconforming area along the northern property boundary and along Railroad Avenue. Due to clarity and scale, a positive determination as to what this feature was could not be ascertained.

### Discussion of Historical Adjacent Property Use

First development of the adjacent properties cannot be definitively determined based on the earliest available historical sources (1944 historical topographic map), however, properties in the area show residential and commercial development at that time. Residential structures are present to the west as depicted in a 1915 Sanborn. First development of adjacent properties for residential or light commercial use appears in a 1975 aerial photograph (initial development of these commercial properties could not be obtained from readily available information). Based on available information supplemented by a search of internet resources using Google, the adjacent properties were first developed as residential and light commercial properties sometime on or before 1944.

### 4.5 Data Failure

The following table identifies the data failure related to historical use sources reviewed for this Phase I ESA and summarizes whether the data failure represents a significant data gap:

SUMMARY OF HISTORICAL USE DATA FAILURE				
Interval	Comment	Data Gap Evaluation		
First developed use to 1944	No standard sources identified to depict property usage during this time.	Based on the rural setting of the Property and being mostly surrounded by residential and light commercial property, prior uses other than residential/commercial use are unlikely. This is not considered to be a significant data gap.		
1975 to 1991	No standard sources identified to depict property usage during this time.	A 1991 aerial photograph depicts the property being used for storage. According to the property owner, the Property was used as a storage yard for piping and equipment for a water well drilling company. This is not considered to be a significant data gap		

The earliest available useful historical use source was a historical topographic map dated 1944 and the Property was shown undeveloped; therefore data failure was encountered. Other standard historical sources were unlikely to provide useful information prior to 1944 to resolve the data failure. Based on the rural setting of the Property and being mostly surrounded light commercial and residential property, prior uses other than agricultural or light commercial and residential use are unlikely. No other historical records were identified to document land use every five years between 1944 and 1975. This represents a data failure. A 1975 aerial photograph shows a small feature along the northern property boundary. Due to clarity and scale, a positive identification of this feature could not be determined. The next available source identified, a 1991 aerial photograph, shows the property being used for storage of equipment. According to the property owner, the Property was used as a yard/storage area for piping and equipment in support of a water well drilling operation. Based on the rural nature of the property, it is not likely that other commercial operations existed on the Property during these gaps. Data failures encountered during our search of historical information do not prohibit us from properly ascertaining the presence of RECs.



### 5.0 SITE RECONNAISSANCE

The site reconnaissance was conducted by Chris Gillentine, Senior Geologist of EarthCon on March 11, 2014. Mr. Stanley Elam, owner of the Property accompanied Mr. Gillentine during the site visit. The following is a summary of observations of the Property during the site visit. Photographs are included in Appendix E.

### 5.1 Methodology and Limiting Conditions

The site reconnaissance consisted of observations of the Property and improvements. Adjacent properties were viewed from the Property or from the nearest public right-of-way. The uses in the surrounding area were determined based on observations made during the trip to and from the Property. The Property boundary was walked, and building exteriors were observed along the perimeter from the ground. Building interiors were observed as they were made safely accessible, unless described otherwise. The weather was moderate, and the surface was dry. The weather did not affect EarthCon's ability to assess the Property.

### 5.2 General Site Setting

Access to the Property is provided from Railroad Avenue to the north. The Property is situated in an area that is predominantly used as commercial/retail with one residential structure to the southeast. Mount Pleasant Road borders the Property to the west.

### 5.3 Current Use of the Property

The Property is currently owned by Mr. Stanley Elam and is a vacant lot.

### 5.4 Indications of Past Uses(s) of the Property

Indications of past use of the Property other that its current vacancy was not observed during the site visit.

### 5.5 Current Use(s) of Adjacent Properties

The following table summarizes current uses of the adjacent properties.

Direction	Observation
North	DeSoto Glass, DeSoto Co-Op
East	DeSoto Co-Op
South	Commercial Property (currently vacant)
West	Hernando Lumber Company

Adjacent property to the north, the DeSoto County Co-Op facility, is used for dry bulk fertilizer storage and also contains two portable petroleum ASTs (contents unknown). Storm water may flow from the DeSoto County Co-Op facility to the Property based on topography and the lack of direct storm water channelization away from the Property.

### 5.6 Evidence of Past Use(s) of Adjacent Properties

Indications of past uses of the adjacent properties other than current uses were not observed during the site visit.



### 5.7 Current or Past Use(s) in the Surrounding Area

The Property is located in a light commercial district of the City of Hernando. Indications of past uses (other than current uses) in the surrounding area were not observed during the site visit.

### 5.8 Physical Setting Observations

The Property and surrounding area were observed to be sloping topography. Surface drainage is south then south and west. Water sheet flows from the Property to a drainage channel bisecting the southern adjoining property.

### 5.9 General Description of Structures

The Property is vacant and covered in grass.

### **5.10** Roads

The Property is located on the southeastern corner of the intersection of Mount Pleasant Road and Railroad Avenue.

### 5.11 Potable Water Supply

The water supply is available to the Property and would be supplied by the City of Hernando Water Department.

### 5.12 Sewage Disposal System

The Property is vacant with no structures located on site.

### 5.13 Interior and Exterior Observations

The following subsections summarize interior and exterior observations related to environmental conditions at the Property.

### 5.13.1 Hazardous Substances and Petroleum Products Use/Storage

EarthCon did not observe and hazardous substances and petroleum products during this inspection.

### 5.13.2 Storage Tanks

EarthCon did not observe any ASTs or USTs during this inspection.

### 5.13.3 Odors

EarthCon did not observe any odors during this inspection.

### 5.13.4 Pools of Liquid

EarthCon did not observe pools of liquid likely to contain hazardous substances or petroleum products.

### 5.13.5 Drums / Containers

EarthCon did not observe any drums or containers during this inspection.



### **5.13.6 Unidentified Substance Containers**

EarthCon did not observe any unidentified substance containers during this inspection.

### 5.13.7 Polychlorinated Biphenyls (PCBs)

EarthCon did not observe any PCB containing equipment during this inspection.

### 5.13.8 Pits, Ponds or Lagoons

EarthCon did not observe pits, ponds or lagoons on the Property.

### 5.13.9 Exterior Stained Soil or Pavement / Interior Stains or Corrosion

EarthCon did not observe any stained soils or pavement during this inspection.

### 5.13.10 Stressed Vegetation

EarthCon did not observe obvious areas of stressed vegetation on the Property.

### 5.13.11 Solid Waste Generation

EarthCon did not observe any solid waste generation during this inspection.

### 5.13.12 Waste Water Generation

EarthCon did not observe waste water generation during this inspection.

### 5.13.13 Storm Water Management System

Storm water drains across the property via sheet flow from the north to the south. It was observed that storm sewer drains and conduit are located along the western, eastern and southern property boundaries. A man-hole cover was observed near the west central portion of the Property.

### 5.13.14 Wells

EarthCon did not observe any wells on the Property.

### 5.13.15 Septic Systems

EarthCon did not observe any septic systems in connection with the Property.

### 5.13.16 Drains and Sumps

EarthCon did not observe any floor drains or sumps in connection with the Property.



### 6.0 INTERVIEWS

The following is a summary of interviews conducted for the Phase I ESA.

### 6.1 Property Owner Interview

Mr. Stanley Elam, owner of the Property, was interviewed on March 11, 2014 at the time of the site visit. The following information was provided by Mr. Elam:

- Mr. Elam stated that he purchased the property in 1999. He stated that he purchased the property from Mr. Robert Smith.
- Mr. Elam stated that he knew of no spills or releases in connection with the Property.
- Mr. Elam stated the property was once used for the storage of pipe by a local water well drilling contractor.
- Mr. Elam stated the Property was once a part of a larger tract of land. He stated that after he purchased the property in 1999, he subdivided the lot from the larger tract.

### 6.2 Past Property Owner Interview

EarthCon was not provided contact information for the past Property owner for this Phase I ESA

### 6.3 Key Site Manager Interview

Mr. Elam was identified as the Property owner representative and Key Site Manager.

### 6.4 Interviews with Local Government Officials

### City of Hernando, Mississippi

EarthCon has been in frequent contact with Gia Matheny, Director of Community Development for the City of Hernando. She knew of no spills or releases in connection with the subject property.

### City of Hernando, Mississippi Fire Department

Station 1 was visited to inquire about any reported releases or spills at the facility. Fireman Charlie Barnett was interviewed and knew of no reported releases or events at the Property. Attempts to reach Chief Charlie Hubert were unsuccessful.



### 7.0 EVALUATION

### 7.1 Findings

EarthCon found the following during the performance of this Phase I ESA

- The Property has been vacant since at least 1999 when Mr. Elam purchased the property.
- The property was used for equipment storage for a water well drilling company during the early 1990s.
- Adjacent property to the north, the DeSoto County Co-Op facility, is used for dry bulk fertilizer storage and also contains two portable petroleum ASTs (contents unknown).
   Storm water may flow from the DeSoto County Co-Op facility to the Property based on topography and the lack of direct storm water channelization away from the Property.

### 7.2 Opinions

EarthCon did not find any known or suspect recognized environmental conditions in connection with the Property based on information collected during this Phase I ESA. No staining was noted from the DeSoto County Co-Op facility to the Property, therefore AST storage of petroleum products is not considered a REC.

### 7.3 Data Gaps

The earliest useful historical resource available for this Phase I ESA was a historical topographic map dated 1944. Information prior to 1944 was not reasonably ascertainable within the scope of this Phase I ESA. Based on the location of the property in light commercial/residential area, it was likely used for agricultural/residential purposes prior to 1944. The data failure regarding historical use is not considered to be a significant data gap that affected EarthCon's ability to identify RECs.

### 7.4 Conclusions

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 of the vacant lot owned by Stanley Elam located at the southeastern corner of Mt Pleasant Road and Railroad Ave., Hernando, Mississippi. Any exceptions to, or deletions from, this practice are described in Section 2.0 of this report. This assessment has revealed no evidence of RECs in connection with the Property.

### 7.5 Environmental Professional Qualifications

This report was either conducted or managed by individuals that meet the qualifications of Environmental Professionals as defined by ASTM E 1527-13. Resumes for staff that conducted the assessment and reviewed this report are included in Appendix G.



### 8.0 REFERENCES

The following is a list of document and/or data references used for this Phase I ESA:

ASTM, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," ASTM Designation E1527-13, Published November 2013.

Environmental Data Resources, Inc., The EDR-Aerial Photography Print Service, Stan Elam Vacant Lot, Railroad Ave., Hernando, MS, Inquiry Number: 3873402.8, March 7, 2014.

Environmental Data Resources, Inc., The EDR-City Directory Abstract, Stan Elam Vacant Lot, Railroad Ave., Hernando, MS, Inquiry Number: 3873402.5, March 7, 2014.

Environmental Data Resources, Inc., EDR Historical Topographic Map Report, Stan Elam Vacant Lot, Railroad Ave., Hernando, MS, Inquiry Number: 3873402.4, March 6, 2014.

Environmental Data Resources, Inc., Sanborn® Map Report, Stan Elam Vacant Lot, Railroad Ave., Hernando, MS, Inquiry Number: 3873402.3, March 6, 2014.

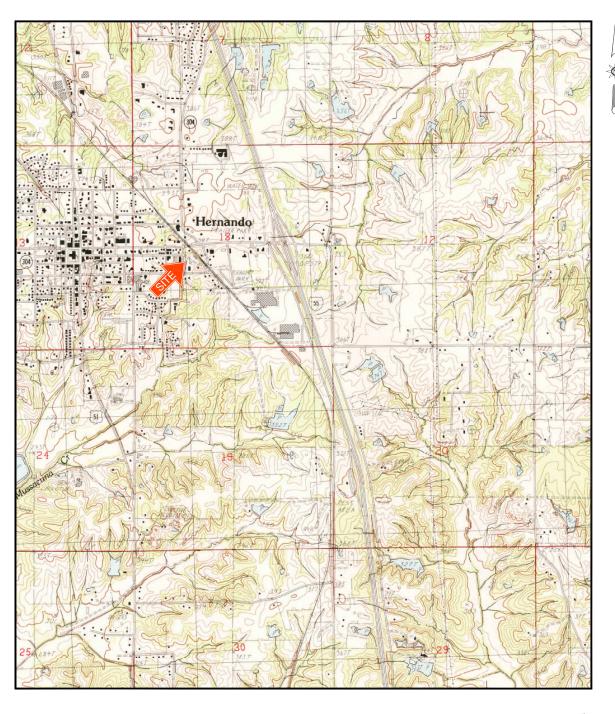
Environmental Data Resources, Inc., The EDR Radius Map Report with GeoCheck®, Stan Elam Vacant Lot, Railroad Ave., Hernando, MS, Inquiry Number: 3873402.2s, March 6, 2014

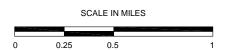
DeSoto County Tax Assessors Office, Real Property Land Information Display (<a href="https://www.desotoms.info">www.desotoms.info</a>), Hernando Equipment, 193 E. Commerce St., Hernando, MS, March 5, 2014



Appendix A:

**FIGURES** 





DeSoto County

SOURCE: USGS 7.5 MINUTE MAP - HERNANDO QUADRANGLE - 1982

Stan Elam Vacant Lot

Railroad Avenue & Mt. Pleasant Road Hernando, Mississippi

PROJECT NO. 02.20130128.13



EarthCon Consultants, Inc.

P.O. Box 2506, Muscle Shoals, AL 35662 Ph: (256)460-5759

Site Location Map

DRAWN: Corley CHECKED: DATE:

03/25/14 FIGURE:



Source: Google Maps 2014

### Stan Elam Vacant Lot

Railroad Avenue & Mt. Pleasant Road Hernanado, Mississippi

PROJECT NO. 02.20130128.13

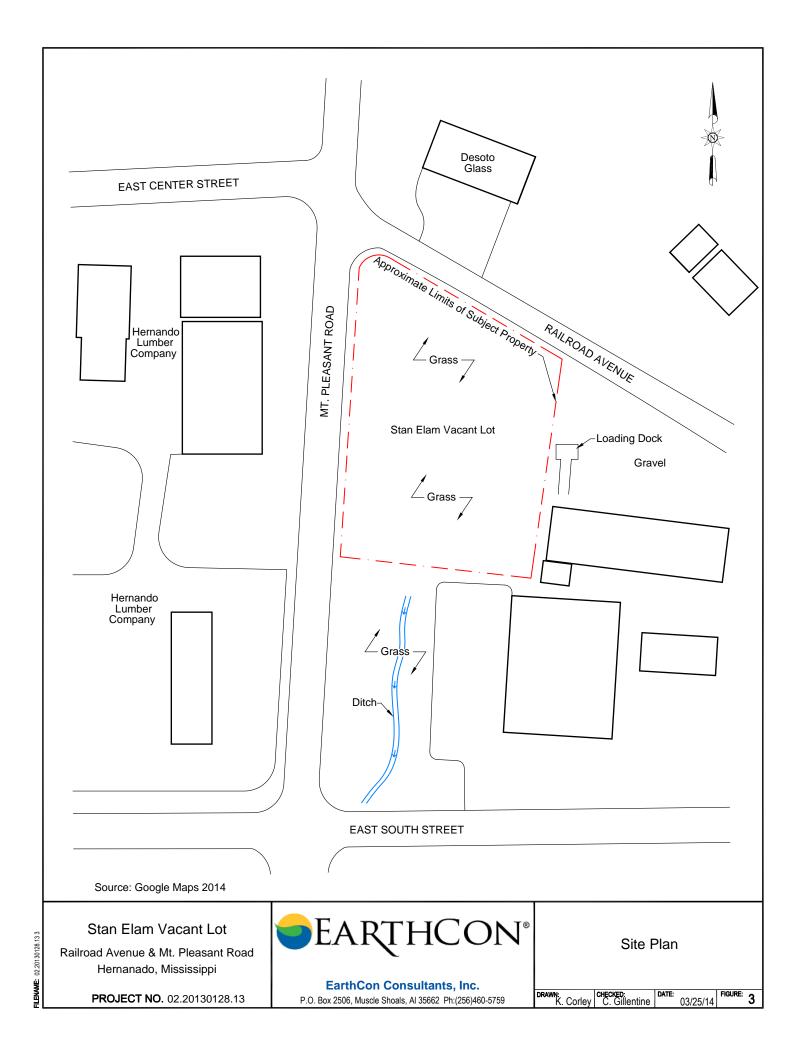


EarthCon Consultants, Inc.

P.O. Box 2506, Muscle Shoals, Al 35662 Ph:(256)460-5759

Aerial Photograph

RAWN: CHECKED: DATE: 03/25/14



# Appendix B: USER PROVIDED INFORMATION



P.O. Box 2506 Muscle Shoals, Alabama 35662

P: 256-460-5759

Environmental Challenges BUSINESS SOLUTIONS ®

www.earthcon.com

# PHASE I ENVIRONMENTAL SITE ASSESSMENT USER QUESTIONNAIRE

This questionnaire should be completed by the User (i.e., Client) based on their personnel knowledge and understanding of the Property.

General Property Information
Type of property: Vacant
Property address: Southeast Corner of Railroad Ave and Mt. Pleasant
Property owner name and telephone number: Mr. Stan Elam (662)-429-6648
Site contact name and telephone number: <u>as above</u>
Reason for procuring a Phase I ESA (please check all that apply):
Property Acquisition Property Sale Lease
To Qualify for Innocent Landowner Defense under CERCLA
Other (describe) Brownfield Grant
Environmental Cleanup Liens
Are you aware of any environmental cleanup liens against the property that are filed or recorded
under federal, tribal, state or local law? Yes ( ) No (x)
If "Yes", explain
Activity and Use Limitations
Are you aware of any activity and use limitations on the property ("AULs"), such as engineering
controls, land use restrictions or institutional controls that are in place at the site and/or have
been filed or recorded in a registry under federal, state, or local law? Yes ( ) No (X)
If "Yes", explain
Specialized Knowledge or Experience
As the User of this Phase I ESA, do you have any specialized knowledge or experience related
to the property or nearby properties? For example, are you involved in the same line of
business as the current or former occupants of the property or an adjoining property so that you
would have specialized knowledge of the chemicals and processes used by this type of
business? Yes ( ) No (x)
If "Yes," explain:

# Relationship of the Purchase Price to the Fair Market Value Does the purchase price to be paid for this property reasonably reflect the fair market purchase price of the property? Yes() No() If you conclude that there is a difference between fair market value and the price, have you considered whether the lower price is because contamination is known or believed to be present at the property? Yes() No() N/A() If "Yes," explain: Commonly Known or Reasonably Ascertainable Information About the Property Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as the User, 1. Do you know the past uses of the property? Yes() No(X) If "Yes," explain:

2.	Do you know of specific chemicals that are present or once were present at the property? Yes ( ) No ( X) If "Yes," explain:
3.	Do you know of spills or other chemical releases that have taken place at the property?  Yes ( ) No (X) If "Yes," explain:
4.	Do you know of any environmental cleanups that have taken place at the property?  Yes ( ) No (X) If "Yes," explain:

### The Degree of Obviousness of the Presence or Likely Presence of Contamination

As the User of this Phase I ESA, based on your knowledge and experience related to the
property, are there any obvious indicators that point to the presence or likely presence of
contamination at the property? Yes ( ) No (x)
If "Yes," explain:
Please state any other knowledge or experience with the property that may be pertinent for this
Phase I ESA (for example, copies of any available prior environmental site assessment reports,
documents, correspondence, etc., concerning the property and its environmental condition:

<u>This</u>	User	<b>Questionnaire</b>	was	completed	<u>by:</u>

Printed Name: Gia Matheny

Signature: Gia Matheny

Affiliation/Title: Community Development Director

Date: 3/10/14

## **Appendix C:**

# REGULATORY RECORDS AND REVIEW DOCUMENTATION

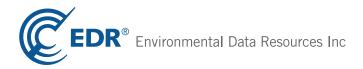
### **Stan Elam Vacant Lot**

Railroad Avenue Hernando, MS 38632

Inquiry Number: 3873402.2s

March 06, 2014

# The EDR Radius Map™ Report with GeoCheck®



### **TABLE OF CONTENTS**

SECTION	PAGE
Executive Summary	ES1
Overview Map.	<b>2</b>
Detail Map.	
Map Findings Summary	<b> 4</b>
Map Findings.	7
Orphan Summary	42
Government Records Searched/Data Currency Tracking.	GR-1
GEOCHECK ADDENDUM	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map.	<b>A-8</b>
Physical Setting Source Map Findings.	A-9
Physical Setting Source Records Searched.	

**Thank you for your business.**Please contact EDR at 1-800-352-0050 with any questions or comments.

### **Disclaimer - Copyright and Trademark Notice**

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2014 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

### **EXECUTIVE SUMMARY**

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

### **ADDRESS**

RAILROAD AVENUE HERNANDO, MS 38632

### **COORDINATES**

Latitude (North): 34.8227000 - 34° 49' 21.72" Longitude (West): 89.9848000 - 89° 59' 5.28"

Universal Tranverse Mercator: Zone 16 UTM X (Meters): 226996.3 UTM Y (Meters): 3857247.2

Elevation: 360 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 34089-G8 HERNANDO, MS

Most Recent Revision: 1982

West Map: 34090-G1 FREES CORNERS, MS

Most Recent Revision: 1982

### **AERIAL PHOTOGRAPHY IN THIS REPORT**

Photo Year: 2012 Source: USDA

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### **DATABASES WITH NO MAPPED SITES**

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

### STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list	
NPL	National Priority List

Proposed NPL..... Proposed National Priority List Sites NPL LIENS..... Federal Superfund Liens Federal Delisted NPL site list Delisted NPL..... National Priority List Deletions Federal CERCLIS list CERCLIS.... FEDERAL FACILITY..... Federal Facility Site Information listing Federal RCRA CORRACTS facilities list CORRACTS...... Corrective Action Report Federal RCRA non-CORRACTS TSD facilities list RCRA-TSDF...... RCRA - Treatment, Storage and Disposal Federal RCRA generators list RCRA-LQG...... RCRA - Large Quantity Generators RCRA-SQG..... RCRA - Small Quantity Generators Federal institutional controls / engineering controls registries US ENG CONTROLS..... Engineering Controls Sites List US INST CONTROL..... Sites with Institutional Controls LUCIS\_\_\_\_\_Land Use Control Information System Federal ERNS list ERNS..... Emergency Response Notification System State and tribal landfill and/or solid waste disposal site lists SWF/LF..... Solid Waste Landfills DEBRIS..... Debris Site Locations Listing State and tribal leaking storage tank lists INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land State and tribal registered storage tank lists ..... Aboveground Storage Tanks INDIAN UST...... Underground Storage Tanks on Indian Land FEMA UST..... Underground Storage Tank Listing

# State and tribal voluntary cleanup sites

VCP	Voluntary Evaluation Program Sites
	Voluntary Cleanup Priority Listing

## ADDITIONAL ENVIRONMENTAL RECORDS

### Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI...... Open Dump Inventory

SWTIRE..... Commercial Waste Tire Haulers SWRCY..... Mississippi Recycling Directory

Local Lists of Hazardous waste / Contaminated Sites

..... Clandestine Drug Labs

US HIST CDL...... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

Other Ascertainable Records

RCRA NonGen / NLR RCRA - Non Generators DOT OPS...... Incident and Accident Data DOD...... Department of Defense Sites FUDS..... Formerly Used Defense Sites

CONSENT...... Superfund (CERCLA) Consent Decrees

ROD...... Records Of Decision UMTRA....... Uranium Mill Tailings Sites
US MINES....... Mines Master Index File

TRIS...... Toxic Chemical Release Inventory System

TSCA...... Toxic Substances Control Act

SSTS..... Section 7 Tracking Systems

ICIS..... Integrated Compliance Information System

PADS...... PCB Activity Database System MLTS..... Material Licensing Tracking System RADINFO...... Radiation Information Database

FINDS\_\_\_\_\_Facility Index System/Facility Registry System RAATS\_\_\_\_\_RCRA Administrative Action Tracking System

RMP..... Risk Management Plans

UIC Information

PERMITS..... Environmental Site Information System Listing

DRYCLEANERS..... Drycleaner Facilities Listing

NPDES...... Industrial & Municipal NPDES Facilities

AIRS..... Air Quality Information Listing ASBESTOS...... Asbestos Project Listing INDIAN RESERV...... Indian Reservations

SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners Listing

2020 COR ACTION.......... 2020 Corrective Action Program List

LEAD SMELTERS..... Lead Smelter Sites

US AIRS...... Aerometric Information Retrieval System Facility Subsystem

PRP..... Potentially Responsible Parties

PCB TRANSFORMER...... PCB Transformer Registration Database

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

COAL ASH DOE Steam-Electric Plant Operation Data US FIN ASSUR. Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

### **EDR HIGH RISK HISTORICAL RECORDS**

#### **EDR Exclusive Records**

EDR MGP..... EDR Proprietary Manufactured Gas Plants

## **EDR RECOVERED GOVERNMENT ARCHIVES**

#### Exclusive Recovered Govt. Archives

### **SURROUNDING SITES: SEARCH RESULTS**

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in **bold italics** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

### STANDARD ENVIRONMENTAL RECORDS

## Federal CERCLIS NFRAP site List

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ALUMAX EXTRUSIONS	2785 MCCRACKEN RD	ESE 1/4 - 1/2 (0.453 mi.)	E18	28

## Federal RCRA generators list

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 09/10/2013 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
A-OK CLEANERS	2440 MT. PLEASANT ROAD	N 1/8 - 1/4 (0.134 mi.)	C11	14

### State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Quality's Uncontrolled Site Project Tracking System.

A review of the SHWS list, as provided by EDR, and dated 11/25/2013 has revealed that there are 3 SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DESOTO CO. SCHOOL BUS LOT (FID Status: BFA		E 1/8 - 1/4 (0.152 mi.)	13	17
ALUMAX EXTRUSIONS		ESE 1/4 - 1/2 (0.437 mi.)	E17	27
Lower Elevation	Address	Direction / Distance	Map ID	Page
GREEN DUCK CORPORATION Status: Active		W 1/2 - 1 (0.865 mi.)	19	41

#### State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Quality's LUST Status Report.

A review of the LUST list, as provided by EDR, and dated 12/30/2013 has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	<b>Direction / Distance</b>	Map ID	Page
CIRCLE K #9806 Status Code: Closed	586 EAST COMMERCE	ENE 1/4 - 1/2 (0.312 mi.)	D15	19
HERNANDO GAS MART Status Code: Closed	630 EAST COMMERCE ST	REEENE 1/4 - 1/2 (0.360 mi.)	D16	23

## State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Underground Storage Tanks list.

A review of the UST list, as provided by EDR, and dated 12/30/2013 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DESOTO GAS COMPANY	615 HOLLY SPRINGS STREE	'	B5	9
HERNANDO EQUIPMENT COMPANY	193 E COMMERCE STREET	WNW 0 - 1/8 (0.096 mi.)	A7	10

### State and tribal institutional control / engineering control registries

ENG CONTROLS: Sites included on the CERCLA/Uncontrolled Sites File List that have Engineering Controls. Engineering Controls encompass a variety of engineered remedies to contain and/or reduce contamination, and/or physical barriers intended to limit access to property. ECs include fences, signs, guards, landfill caps, provision of potable water, slurry walls, sheet pile, (vertical caps) pumping and treatment of groundwater, monitoring wells, and vapor extraction systems

A review of the ENG CONTROLS list, as provided by EDR, and dated 11/25/2013 has revealed that there is 1 ENG CONTROLS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DESOTO CO. SCHOOL BUS LOT (FID		E 1/8 - 1/4 (0.152 mi.)	13	17

INST CONTROL: Sites included on the CERCLA/Uncontrolled Sites File List that have Institutional and/or Engineering Controls.

A review of the INST CONTROL list, as provided by EDR, and dated 11/25/2013 has revealed that there is 1 INST CONTROL site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DESOTO CO. SCHOOL BUS LOT (FID		E 1/8 - 1/4 (0.152 mi.)	13	17

### State and tribal Brownfields sites

BROWNFIELDS: A listing of sites from the Uncontrolled Sites List that are currently in the Mississippi Brownfields Program (which means that they are pursuing liability protection and paying for MDEQ oversight costs).

A review of the BROWNFIELDS list, as provided by EDR, and dated 11/25/2013 has revealed that there is 1 BROWNFIELDS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DESOTO CO. SCHOOL BUS LOT (FID		E 1/8 - 1/4 (0.152 mi.)	13	17

### ADDITIONAL ENVIRONMENTAL RECORDS

### Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 09/24/2013 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DESOTO COUNTY SCHOOL BUS LOT	425 E. COMMERCE STREET	ENE 1/8 - 1/4 (0.136 mi.)	12	15

### **EDR HIGH RISK HISTORICAL RECORDS**

#### **EDR Exclusive Records**

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 5 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	345 E COMMERCE ST	NNE 0 - 1/8 (0.069 mi.)	В3	8
Not reported	350 E COMMERCE ST	NNE 0 - 1/8 (0.075 mi.)	B4	8
Not reported	381 E COMMERCE ST	NE 0 - 1/8 (0.096 mi.)	B6	9
Not reported	155 E CENTER ST	WNW 0 - 1/8 (0.100 mi.)	8	12
Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	310 E SOUTH ST	SSE 0 - 1/8 (0.037 mi.)	1	7

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 4 EDR US

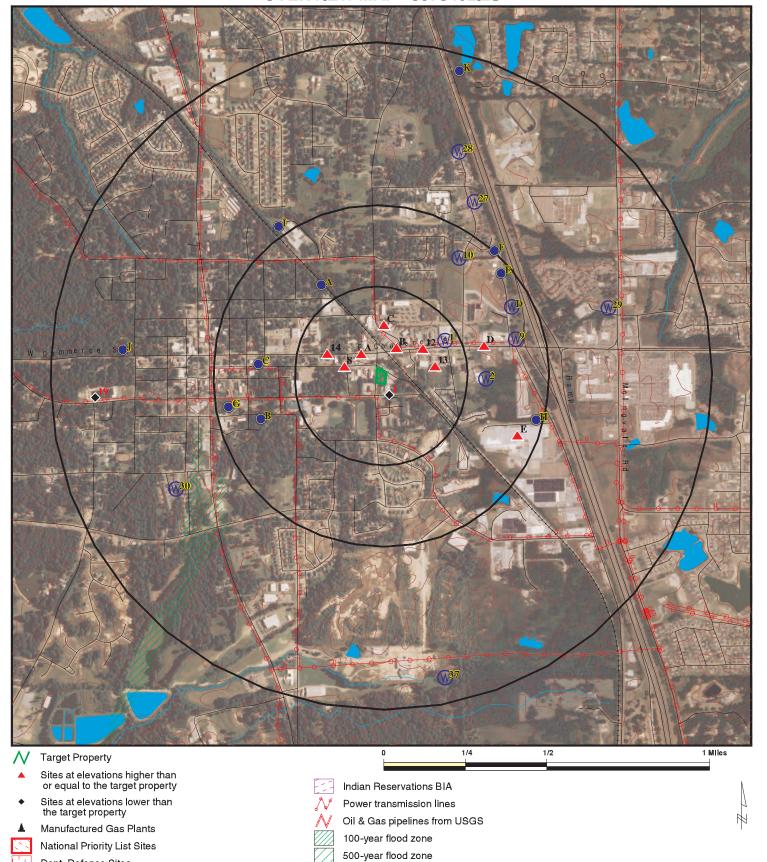
Hist Cleaners sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	241 E COMMERCE ST	NW 0 - 1/8 (0.065 mi.)	A2	8
Not reported	2440 MOUNT PLEASANT RD	N 1/8 - 1/4 (0.134 mi.)	C9	13
Not reported	2440 MT PLEASANT RD	N 1/8 - 1/4 (0.134 mi.)	C10	13
Not reported	116 E COMMERCE ST	WNW 1/8 - 1/4 (0.159 mi.)	14	18

Due to poor or inadequate address information, the following sites were not mapped. Count: 10 records.

Database(s)			
LUST, UST, RGA LUST			
LUST, UST, RGA LUST			
UST			
RCRA NonGen / NLR			
FINDS			

# **OVERVIEW MAP - 3873402.2s**



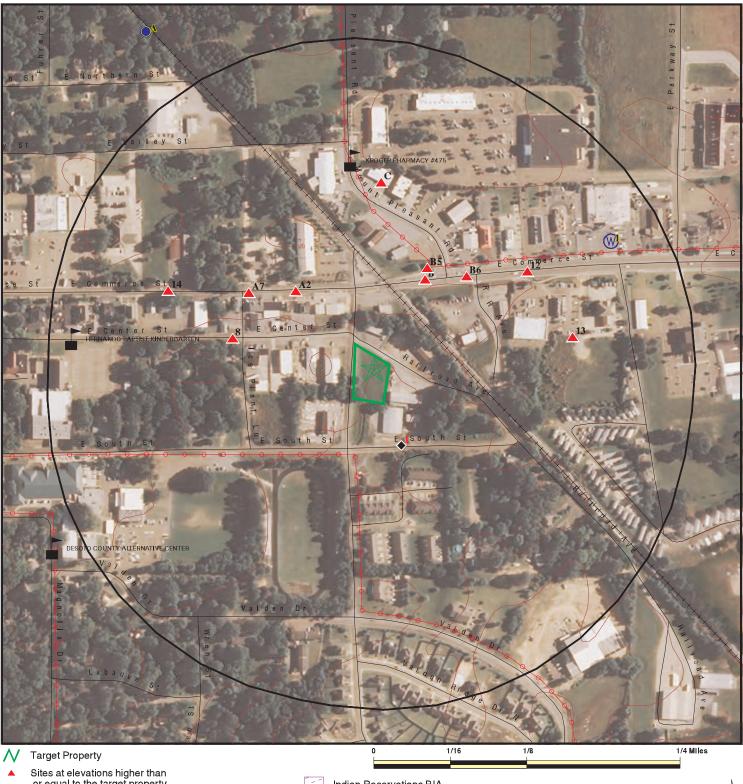
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Stan Elam Vacant Lot CLIENT: EarthCon Consultants, Inc. ADDRESS: Railroad Avenue CONTACT: Chris Gillentine

Dept. Defense Sites

Hernando MS 38632 INQUIRY #: 3873402.2s LAT/LONG: 34.8227 / 89.9848 DATE: March 06, 2014 5:24 pm

# **DETAIL MAP - 3873402.2s**



Sites at elevations higher than or equal to the target property

- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Stan Elam Vacant Lot ADDRESS: Railroad Avenue

Hernando MS 38632 LAT/LONG: 34.8227 / 89.9848

CLIENT: CONTACT: EarthCon Consultants, Inc. Chris Gillentine

INQUIRY#: 3873402.2s DATE: March 06, 2014 5:24 pm

Copyright © 2014 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.



# **MAP FINDINGS SUMMARY**

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL Proposed NPL NPL LIENS	1.000 1.000 TP		0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0
Federal Delisted NPL sit	te list							
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS FEDERAL FACILITY	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Federal CERCLIS NFRA	P site List							
CERC-NFRAP	0.500		0	0	1	NR	NR	1
Federal RCRA CORRAC	TS facilities li	st						
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-COR	RACTS TSD f	acilities list						
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generator	rs list							
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250		0 0 0	0 0 1	NR NR NR	NR NR NR	NR NR NR	0 0 1
Federal institutional controls / engineering controls registries								
US ENG CONTROLS US INST CONTROL LUCIS	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS	1.000		0	1	1	1	NR	3
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF DEBRIS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal leaking storage tank lists								
LUST INDIAN LUST	0.500 0.500		0 0	0 0	2 0	NR NR	NR NR	2 0
State and tribal registered storage tank lists								
UST	0.250		2	0	NR	NR	NR	2

# **MAP FINDINGS SUMMARY**

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST INDIAN UST FEMA UST	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
State and tribal institutional control / engineering control registries								
ENG CONTROLS INST CONTROL	0.500 0.500		0 0	1 1	0 0	NR NR	NR NR	1 1
State and tribal voluntary	cleanup sites	s						
VCP INDIAN VCP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal Brownfie	lds sites							
BROWNFIELDS	0.500		0	1	0	NR	NR	1
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	1	0	NR	NR	1
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9 ODI SWTIRE SWRCY INDIAN ODI	0.500 0.500 0.500 0.500 0.500		0 0 0 0	0 0 0 0	0 0 0 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL US HIST CDL	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR DOT OPS DOD FUDS CONSENT ROD UMTRA US MINES TRIS	0.250 TP 1.000 1.000 1.000 1.000 0.500 0.250 TP		0 NR 0 0 0 0 0 0 NR	0 NR 0 0 0 0 0 0 NR	NR NR 0 0 0 0 0 NR NR	NR NR 0 0 0 NR NR NR	NR NR NR NR NR NR NR	0 0 0 0 0 0 0

# **MAP FINDINGS SUMMARY**

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	Ō
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
PERMITS	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
ACRECTOS	TP		NR	NR	NR	NR	NR	0
ASBESTOS INDIAN RESERV	TP		NR	NR	NR	NR 0	NR	0
SCRD DRYCLEANERS	1.000 0.500		0 0	0 0	0 0	NR	NR NR	0 0
2020 COR ACTION	0.500		0	0	NR	NR NR	NR NR	0
LEAD SMELTERS	0.230 TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	Ő
COAL ASH DOE	TP		NR	NR	NR	NR	NR	Ö
US FIN ASSUR	TP		NR	NR	NR	NR	NR	Ō
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		5	Ö	NR	NR	NR	5
EDR US Hist Cleaners	0.250		1	3	NR	NR	NR	4
EDR RECOVERED GOVERN	IMENT ARCHI	/ES						
Exclusive Recovered Govt. Archives								
			NID	ND	NE	NE	NE	•
RGA LLIOT	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
RGA HWS	TP		NR	NR	NR	NR	NR	0

# NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**EDR US Hist Auto Stat** 1015412404 310 E SOUTH ST N/A

SSE HERNANDO, MS 38632 < 1/8 0.037 mi.

196 ft.

**EDR Historical Auto Stations:** Relative:

WORKS AUTO REPAIR Lower Name:

Year: 1999

Actual: Address: 310 E SOUTH ST 358 ft.

> Name: WORKS AUTO REPAIR

Year: 2000

Address: 310 E SOUTH ST

Name: WORKS AUTO REPAIR

Year: 2001

Address: 310 E SOUTH ST

WORKS AUTO REPAIR Name:

Year: 2002

310 E SOUTH ST Address:

Name: WORKS AUTO REPAIR

Year:

Address: 310 E SOUTH ST

WORKS AUTO REPAIR Name:

Year: 2004

Address: 310 E SOUTH ST

Name: WORKS AUTO REPAIR

2005 Year:

Address: 310 E SOUTH ST

Name: WORKS AUTO REPAIR

2006 Year:

Address: 310 E SOUTH ST

Name: WORKS AUTO REPAIR

Year: 2007

310 E SOUTH ST Address:

Name: WORKS AUTO REPAIR

Year: 2008

310 E SOUTH ST Address:

Name: WORKS AUTO REPAIR

Year: 2010

310 E SOUTH ST Address:

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**A2 EDR US Hist Cleaners** 1015025949 NW

241 E COMMERCE ST N/A

< 1/8 HERNANDO, MS 38632 0.065 mi.

343 ft. Site 1 of 2 in cluster A

**EDR Historical Cleaners:** Relative:

Higher Name: M & W LAUNDROMAT

Year: 1999

Actual: Address: 241 E COMMERCE ST

388 ft.

EDR US Hist Auto Stat 1015439765 NNE 345 E COMMERCE ST N/A

В3

< 1/8 HERNANDO, MS 38632

0.069 mi.

365 ft. Site 1 of 4 in cluster B

**EDR Historical Auto Stations:** Relative:

Name: HERNANDO TRANSMISSION REBUILDE Higher

Year: 2004

Actual: 345 E COMMERCE ST Address:

382 ft.

Name: HERNANDO TRANSMISSION REBUILDERS

Year:

Address: 345 E COMMERCE ST

Name: HERNANDO TRANSMISSION REBUILDERS

Year:

Address: 345 E COMMERCE ST

HERNANDO TRANSMISSION RBLDRS Name:

Year: 2010

Address: 345 E COMMERCE ST

В4 **EDR US Hist Auto Stat** 1015442380 N/A

350 E COMMERCE ST NNE < 1/8 HERNANDO, MS 38632

0.075 mi.

396 ft. Site 2 of 4 in cluster B

**EDR Historical Auto Stations:** Relative:

Higher Name: CTR BRYANT TIRE & SERVICE

Year: 2004

Actual: Address: 350 E COMMERCE ST

382 ft.

Name: **BRYANT TIRE & SVC CTR INC** 

Year: 2010

Address: 350 E COMMERCE ST

Name: **BRYANT TIRE & SERVICE CENTER INC** 

Year:

350 E COMMERCE ST Address:

Name: **BRYANT TIRE & SERVICE CENTER INC** 

Year: 2012

Address: 350 E COMMERCE ST

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

B5 DESOTO GAS COMPANY UST U001297181
NNE 615 HOLLY SPRINGS STREET N/A

< 1/8 HERNANDO, MS 38632

0.084 mi.

443 ft. Site 3 of 4 in cluster B

Relative: UST:

HigherFacility ID:1430Facility Status:Inactive

 Actual:
 Facility Tel:
 Not reported

 384 ft.
 Latitude:
 34 49' 0.3720"

 Longitude:
 89 58' 18.5124"

Permanently Out of Use Tanks: 1
Active Tanks: 0
AIID: 30896
Owner Name: Not reported
Owner Address: Not reported
Owner Tele: Not reported

Tank:

Tank No: 1 Tank ID: 3317

Tank Status: Permanently Out of Use

Tank Capacity: 1000
Date Installed: 01/01/1975
Substance: Gasoline
Reported Release: Not reported
Close Type: Closed
Date Removed: 12/28/1989
Close Type: 12/28/1989

Tank Material: Asphalt Coated or Bare Steel

2nd Containmnt:NoneTank Lead Detection:N/AOverfill Protection:NoSpill Prevention:No

Pipe:

 Tank No:
 1

 Tank Id:
 3317

 Pipe Id:
 1

Pipe Status: Permanently Out of Use

Type Of Closure: Closed Closed
Pipe Material Of Construction: Bare/Galvanized Steel

Secondary Pipe Material: None
Piping Type: N/A
Pipe Leak Detection: Not Listed

B6 EDR US Hist Auto Stat 1015459167
NE 381 E COMMERCE ST N/A

< 1/8 HERNANDO, MS 38632

0.096 mi.

508 ft. Site 4 of 4 in cluster B

Relative: EDR Historical Auto Stations:

Higher Name: DELTA MUFFLER

Year: 2001 **Actual:** Address: 381 F

Actual: Address: 381 E COMMERCE ST 383 ft.

303 IL

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

Α7 **HERNANDO EQUIPMENT COMPANY** UST U003775502 WNW 193 E COMMERCE STREET N/A

< 1/8 HERNANDO, MS 38632 0.096 mi.

509 ft. Site 2 of 2 in cluster A UST:

Relative:

Higher Actual:

386 ft.

Facility ID: 12281 Facility Status: Inactive Facility Tel: Not reported Latitude:

34 49' 24.3696" Longitude: 89 59' 10.1328"

Permanently Out of Use Tanks: Active Tanks: 0 AIID: 30269 Owner Name: Not reported Not reported Owner Address: Owner Tele: Not reported

Tank:

Tank No: Tank ID: 30624

Tank Status: **Permanently Out of Use** 

Tank Capacity: 8000 Date Installed: 04/16/1979 Gasoline Substance: Reported Release: Not reported Close Type: Closed Date Removed: 01/01/1985 Close Type: 08/17/1999

Tank Material: Asphalt Coated or Bare Steel

2nd Containmnt: None Tank Lead Detection: N/A Overfill Protection: No Spill Prevention: No

Pipe:

Tank No: 1 Tank Id: 30624 Pipe Id:

Pipe Status: Permanently Out of Use Type Of Closure: Closed Closed

Pipe Material Of Construction: Bare/Galvanized Steel

Secondary Pipe Material: None Piping Type: N/A Not Listed Pipe Leak Detection:

Tank:

Tank No: 2 30625 Tank ID:

**Tank Status: Permanently Out of Use** 

Tank Capacity: 8000 Date Installed: 04/16/1979 Substance: Gasoline Reported Release: Not reported Close Type: Closed Date Removed: 01/01/1985

Direction Distance

Elevation Site Database(s) EPA ID Number

## **HERNANDO EQUIPMENT COMPANY (Continued)**

08/17/1999

Tank Material: Asphalt Coated or Bare Steel

2nd Containmnt:NoneTank Lead Detection:N/AOverfill Protection:NoSpill Prevention:No

Pipe:

Close Type:

Tank No: 2 Tank Id: 30625

Pipe Id: 2

Pipe Status: Permanently Out of Use Type Of Closure: Closed Closed

Pipe Material Of Construction: Bare/Galvanized Steel

Secondary Pipe Material: None
Piping Type: N/A
Pipe Leak Detection: Not Listed

Tank:

Tank No: 3 Tank ID: 30626

Tank Status: Permanently Out of Use

Tank Capacity: 8000
Date Installed: 04/16/1979
Substance: Gasoline
Reported Release: Not reported
Close Type: Closed
Date Removed: 01/01/1985
Close Type: 08/17/1999

Tank Material: Asphalt Coated or Bare Steel

2nd Containmnt:NoneTank Lead Detection:N/AOverfill Protection:NoSpill Prevention:No

Pipe:

 Tank No:
 3

 Tank Id:
 30626

 Pipe Id:
 3

Pipe Status: Permanently Out of Use Type Of Closure: Closed Closed

Pipe Material Of Construction: Bare/Galvanized Steel

Secondary Pipe Material: None
Piping Type: N/A
Pipe Leak Detection: Not Listed

TC3873402.2s Page 11

**EDR ID Number** 

U003775502

Direction Distance

Elevation Site Database(s) EPA ID Number

EDR US Hist Auto Stat 1015246501 NW 155 E CENTER ST N/A

WNW 155 E CENTER ST < 1/8 HERNANDO, MS 38632 0.100 mi.

0.100 m 528 ft.

8

Relative: EDR Historical Auto Stations:

Higher Name: WARDS AUTO & TRUCK SERVICE

Year: 1999

Actual: Address: 155 E CENTER ST 377 ft.

Name: LAUGHTER AUTO SERVICE

Year: 2001

Address: 155 E CENTER ST

Name: HERNANDO AUTOMOTIVE

Year: 2002

Address: 155 E CENTER ST

Name: HERNANDO AUTOMOTIVE

Year: 2003

Address: 155 E CENTER ST

Name: HERNANDO AUTOMOTIVE

Year: 2004

Address: 155 E CENTER ST

Name: HERNANDO AUTOMOTIVE

Year: 2005

Address: 155 E CENTER ST

Name: HERNANDO AUTOMOTIVE

Year: 2006

Address: 155 E CENTER ST

Name: HERNANDO AUTOMOTIVE

Year: 2007

Address: 155 E CENTER ST

Name: HERNANDO AUTOMOTIVE

Year: 2008

Address: 155 E CENTER ST

Name: HERNANDO AUTOMOTIVE

Year: 2009

Address: 155 E CENTER ST

Name: HERNANDO AUTOMOTIVE

Year: 2010

Address: 155 E CENTER ST

Name: HERNANDO AUTOMOTIVE

Year: 2011

Address: 155 E CENTER ST

Name: HERNANDO AUTOMOTIVE

Year: 2012

Address: 155 E CENTER ST

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

C9 **EDR US Hist Cleaners** 1015026728 N/A

2440 MOUNT PLEASANT RD North 1/8-1/4 HERNANDO, MS 38632

0.134 mi.

708 ft. Site 1 of 3 in cluster C

Relative: Higher

**EDR Historical Cleaners:** Name: A OK CLEANERS

Year: 2007

Actual: 398 ft.

2440 MOUNT PLEASANT RD Address:

Name: A OK CLEANERS

2008 Year:

Address: 2440 MOUNT PLEASANT RD

Name: **AOK CLEANERS** 

Year:

Address: 2440 MOUNT PLEASANT RD

A OK CLEANERS Name:

Year: 2011

2440 MOUNT PLEASANT RD Address:

Name: A OK CLEANERS

Year: 2012

Address: 2440 MOUNT PLEASANT RD

C10 **EDR US Hist Cleaners** 1015026729 N/A

North 2440 MT PLEASANT RD 1/8-1/4 HERNANDO, MS 38632

0.134 mi.

Relative:

708 ft. Site 2 of 3 in cluster C

**EDR Historical Cleaners:** 

A OK CLEANERS Higher Name:

Year: 2002

Actual: Address: 2440 MT PLEASANT RD 398 ft.

Name: A OK CLEANERS

Year: 2003

2440 MT PLEASANT RD Address:

Name: A OK CLEANERS

Year: 2004

Address: 2440 MT PLEASANT RD

A OK CLEANERS Name:

Year: 2005

2440 MT PLEASANT RD Address:

Name: A OK CLEANERS

Year: 2006

Address: 2440 MT PLEASANT RD

Direction Distance

Elevation Site **EPA ID Number** Database(s)

C11 **A-OK CLEANERS** RCRA-CESQG 1004742428 MS0000444737

North 2440 MT. PLEASANT ROAD 1/8-1/4 HERNANDO, MS 38632

0.134 mi.

708 ft. Site 3 of 3 in cluster C

RCRA-CESQG: Relative:

Higher

Date form received by agency: 07/11/1994 Facility name: A-OK CLEANERS

Actual: Facility address: 2440 MT. PLEASANT ROAD 398 ft.

HERNANDO, MS 38632

EPA ID: MS0000444737

Mailing address: MT. PLEASANT ROAD

HERNANDO, MS 38632

KENNY SUH Contact:

Contact address: 2440 MT. PLEASANT ROAD

HERNANDO, MS 38632

Contact country: US

(601) 429-7016 Contact telephone: Contact email: Not reported

EPA Region:

Conditionally Exempt Small Quantity Generator Classification:

Description: Handler: generates 100 kg or less of hazardous waste per calendar

> month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of

any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

hazardous waste

Owner/Operator Summary:

Owner/operator name: KENNY SUH

Owner/operator address: 2440 MT. PLEASANT ROAD

HERNANDO, MS 38632

Owner/operator country: Not reported Owner/operator telephone: (601) 429-7016 Legal status: Private Owner/Operator Type: Owner Owner/Op start date: Not reported Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

A-OK CLEANERS (Continued) 1004742428

Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

> LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET. WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D039

Waste name: **TETRACHLOROETHYLENE** 

Violation Status: No violations found

12 **DESOTO COUNTY SCHOOL BUS LOT US BROWNFIELDS** 1007057402 **ENE 425 E. COMMERCE STREET FINDS** N/A

1/8-1/4 HERNANDO, MS 0.136 mi.

719 ft.

**US BROWNFIELDS:** Relative: Recipient name: R4 Brownfields TBA (previously Superfund TBA) Higher

Grant type:

Actual: Property name: DESOTO COUNTY SCHOOL BUS LOT 382 ft.

Property #: Not reported

Parcel size:

Property Description: Not reported Latitude: 34.823732 Longitude: -89.98241 HCM label: Not reported Map scale: Not reported Point of reference: Not reported Not reported Datum: ACRES property ID: 10384 Start date: Not reported Completed date: Not reported Acres cleaned up: Not reported Cleanup funding: Not reported

Cleanup funding source: Assessment funding:

Assessment funding source: US EPA - TBA Funding

Redevelopment funding: Not reported Redev. funding source: Not reported Redev. funding entity name: Not reported Redevelopment start date: Not reported Assessment funding entity: **EPA** 

Cleanup funding entity: Not reported

Grant type:

Accomplishment type: Phase II Environmental Assessment

Not reported

Accomplishment count:

Distance
Elevation Site Database(s)

**DESOTO COUNTY SCHOOL BUS LOT (Continued)** 

1007057402

**EDR ID Number** 

**EPA ID Number** 

Cooperative agreement #: n/a Ownership entity: Not reported Not reported Current owner: Did owner change: Not reported Cleanup required: Not reported Video available: Not reported Photo available: Not reported Institutional controls required: Not reported IC Category proprietary controls: Not reported IC cat. info. devices: Not reported Not reported IC cat. gov. controls: IC cat. enforcement permit tools: Not reported IC in place date: Not reported IC in place: Unknown State/tribal program date: Not reported State/tribal program ID: Not reported State/tribal NFA date: Not reported Air contaminated: Not reported Air cleaned: Not reported Asbestos found: Not reported Not reported Asbestos cleaned: Controled substance found: Not reported Not reported Controled substance cleaned: Drinking water affected: Not reported Drinking water cleaned: Not reported Groundwater affected: Not reported Groundwater cleaned: Not reported Lead contaminant found: Not reported Lead cleaned up: Not reported No media affected: Not reported Unknown media affected: Not reported Other cleaned up: Not reported Other metals found: Not reported Other metals cleaned: Not reported Not reported Other contaminants found: Other contams found description: Not reported PAHs found: Not reported PAHs cleaned up: Not reported PCBs found: Not reported PCBs cleaned up: Not reported Petro products found: Not reported Petro products cleaned: Not reported Sediments found: Not reported Sediments cleaned: Not reported Soil affected: Not reported Soil cleaned up: Not reported Surface water cleaned: Not reported Unknown found: Not reported VOCs found: Not reported Not reported VOCs cleaned: Cleanup other description: Not reported Num. of cleanup and re-dev. jobs: Not reported Past use greenspace acreage: Not reported Past use residential acreage: Not reported Past use commercial acreage: Not reported Past use industrial acreage: Not reported Future use greenspace acreage: Not reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### **DESOTO COUNTY SCHOOL BUS LOT (Continued)**

1007057402

Future use residential acreage: Not reported Future use commercial acreage: Not reported Future use industrial acreage: Not reported Greenspace acreage and type: Not reported Superfund Fed. landowner flag: Not reported

FINDS:

Registry ID: 110015330462

Environmental Interest/Information System

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

MS-ENSITE (Mississippi - Tools For Environmental Management And Protection Organizations). Mississippi Department of Environmental Quality (MDEQ) Office of Pollution Control's (OPC) maintains enSite. It is the electronic Environmental Site Information System that that regulates compliance assurance, permitting, activity tracking, and maintenance of a single agency interest-link to definition master file.

**DESOTO CO. SCHOOL BUS LOT (FIDELITY DEVELOPMENT)** 

**East** 1/8-1/4 0.152 mi. 800 ft.

Relative:

Higher

HERNANDO, MS

SHWS:

13

Lat/Long (dms): 34 49 23 / 89 58 55

Site Size (acres): 4

Actual: EPA ID: Not reported 393 ft. Project Manager: McKercher, Willie

> **BFA** Status: State No Further Action Date: 10/24/02 Date Phase I Assessment Conducted: Not reported Not reported Federal: Federal No Further Action Date: Not reported

Soil Contamination: Yes Surface Water Contamination: No **Ground Water Contamination:** No Remediation Type:

Surface Water Remediation: Not reported GW Remediation Type: Not reported Maj. Contaminant: TPH High Concentration: 20271 High Concentration Units: mg/Kg Institutional Control: 10/24/2002

**Engineering Control:** 

S103920296

N/A

SHWS

**ENG CONTROLS** 

**INST CONTROL** 

**BROWNFIELDS** 

**RGA HWS** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

## DESOTO CO. SCHOOL BUS LOT (FIDELITY DEVELOPMENT) (Continued)

S103920296

Voluntary Cleanups: BF

Date Section 128(a) Assessment: Not reported Date TBA Requested: Not reported Agency Interest No: 18019

ENG CONTROLS:

**Engineering Controls:** Yes

INST CONTROL:

10/24/2002 Institutional Control:

**BROWNFIELDS:** 

Voluntary Cleanups: BF

**RGA HWS:** 

DESOTO CO. SCHOOL BUS LOT (FIDELITY DEVELOPMENT) 2012 2011 DESOTO CO. SCHOOL BUS LOT (FIDELITY DEVELOPMENT) 2010 DESOTO CO. SCHOOL BUS LOT (FIDELITY DEVELOPMENT) 2009 DESOTO CO. SCHOOL BUS LOT (FIDELITY DEVELOPMENT) DESOTO CO. SCHOOL BUS LOT (FIDELITY DEVELOPMENT) 2008 2007 DESOTO CO. SCHOOL BUS LOT (FIDELITY DEVELOPMENT) 2006 DESOTO CO. SCHOOL BUS LOT (FIDELITY DEVELOPMENT) 2005 DESOTO CO. SCHOOL BUS LOT (FIDELITY DEVELOPMENT)

2003 DESOTO CO. SCHOOL BUS LOT 2002 DESOTO CO. SCHOOL BUS LOT 2001 DESOTO CO. SCHOOL BUS LOT 2000 DESOTO CO. SCHOOL BUS LOT

14 **EDR US Hist Cleaners** 1014978959 WNW 116 E COMMERCE ST N/A

1/8-1/4 0.159 mi. 838 ft.

HERNANDO, MS 38632

**EDR Historical Cleaners:** 

Relative: Higher Name: **BLUE RIBBON CLEANERS & LAUNDRY** 

> Year: 1999

Actual: Address: 116 E COMMERCE ST 387 ft.

> Name: **BLUE RIBBON CLEANERS & LAUNDRY**

Year: 2000

Address: 116 E COMMERCE ST

Name: **BLUE RIBBON CLEANERS & LAUNDRY** 

Year: 2001

116 E COMMERCE ST Address:

Name: **BLUE RIBBON CLEANERS & LAUNDRY** 

Year: 2005

Address: 116 E COMMERCE ST

Name: **BLUE RIBBON CLEANERS & LAUNDRY** 

Year: 2006

Address: 116 E COMMERCE ST

**BLUE RIBBON CLEANERS & LAUNDRY** Name:

Year: 2007

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

(Continued) 1014978959

Address: 116 E COMMERCE ST

**BLUE RIBBON CLEANERS & LAUNDRY** Name:

Year: 2010

Address: 116 E COMMERCE ST

**BLUE RIBBON CLEANERS & LAUNDRY** Name:

Year: 2011

Address: 116 E COMMERCE ST

**BLUE RIBBON CLEANERS & LAUNDRY** Name:

Year: 2012

116 E COMMERCE ST Address:

D15 **CIRCLE K #9806** LUST U001301803 **ENE 586 EAST COMMERCE** UST N/A

1/4-1/2 HERNANDO, MS 38632

0.312 mi.

1650 ft. Site 1 of 2 in cluster D

Relative:

Facility Id: 2264 Higher

Facility Satus: Active Actual: Lust Status: Closed 375 ft. AIID: 1463

Event #:

Project Manager: Sharon Vinson Date Of Report: 07/23/1990 Trust Fund Status: NTFE Confirmed On: 07/23/1990 NFA Date: 01/24/1991

Facility Id: 2264 Facility Satus: Active Lust Status: Closed AIID: 1463 Event #: 2

Project Manager: Mark Taylor Date Of Report: 10/30/1992 Trust Fund Status: **STFS** Confirmed On: 10/30/1992 NFA Date: 04/21/2003

UST:

Facility ID: 2264 Facility Status: Active Facility Tel: Not reported Latitude: 34 49' 27.9000" 89 58' 46.2000" Longitude:

Permanently Out of Use Tanks: 3 Active Tanks: AIID: 1463

Owner Name: Circle K Stores Inc

Owner Address: 2440 Whitehall Park Drive Suite 800

Owner Tele: (704)583-5727 **RGA LUST** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### CIRCLE K #9806 (Continued)

U001301803

Tank: Tank No: Tank ID: 5198

Tank Status: **Permanently Out of Use** 

Tank Capacity: 01/01/1982 Date Installed: Gasoline Substance: Reported Release: Yes Close Type: Closed Date Removed: 09/01/1990 09/01/1990 Close Type:

Tank Material: Asphalt Coated or Bare Steel

2nd Containmnt: None Tank Lead Detection: N/A Overfill Protection: No Spill Prevention: No

Pipe:

Tank No: Tank Id: 5198

Pipe Id: 1

Permanently Out of Use Pipe Status: Type Of Closure: Closed Closed Pipe Material Of Construction: Bare/Galvanized Steel

Secondary Pipe Material: None Pressurized Piping Type: Pipe Leak Detection: Not Listed

Tank:

Tank No: 2 5199 Tank ID:

**Permanently Out of Use** Tank Status:

Tank Capacity: 5200 Date Installed: 01/01/1982 Substance: Gasoline Reported Release: Yes Close Type: Closed Date Removed: 09/01/1990 Close Type: 09/01/1990

Tank Material: Asphalt Coated or Bare Steel

2nd Containmnt: None Tank Lead Detection: N/A Overfill Protection: No Spill Prevention: No

Pipe:

Tank No: 2 Tank Id: 5199 Pipe Id:

Permanently Out of Use Pipe Status: Type Of Closure: Closed Closed Pipe Material Of Construction: Bare/Galvanized Steel

Secondary Pipe Material: None Piping Type: Pressurized Pipe Leak Detection: Not Listed

Direction Distance

Elevation Site Database(s) EPA ID Number

### CIRCLE K #9806 (Continued)

U001301803

**EDR ID Number** 

Tank Status: Permanently Out of Use

Tank Capacity: 6000
Date Installed: 01/01/1982
Substance: Gasoline
Reported Release: Yes
Close Type: Closed
Date Removed: 09/01/1990
Close Type: 09/01/1990

Tank Material: Asphalt Coated or Bare Steel

2nd Containmnt: None
Tank Lead Detection: N/A
Overfill Protection: No
Spill Prevention: No

Pipe:

 Tank No:
 3

 Tank Id:
 5200

 Pipe Id:
 3

Pipe Status: Permanently Out of Use
Type Of Closure: Closed Closed

Type Of Closure: Closed Closed
Pipe Material Of Construction: Bare/Galvanized Steel

Secondary Pipe Material:

Piping Type:

Pipe Leak Detection:

None

Pressurized

Not Listed

Tank:

Tank No: 4
Tank ID: 5201

Tank Status: Permanently Out of Use

Tank Capacity: 8000
Date Installed: 01/01/1982
Substance: Gasoline
Reported Release: Yes
Close Type: Closed
Date Removed: 09/01/1990
Close Type: 09/01/1990

Tank Material: Asphalt Coated or Bare Steel

2nd Containmnt:NoneTank Lead Detection:N/AOverfill Protection:NoSpill Prevention:No

Pipe:

 Tank No:
 4

 Tank Id:
 5201

 Pipe Id:
 4

Pipe Status: Permanently Out of Use Type Of Closure: Closed Closed Pipe Material Of Construction: Bare/Galvanized Steel

Secondary Pipe Material: None
Piping Type: Pressurized
Pipe Leak Detection: Not Listed

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### CIRCLE K #9806 (Continued)

U001301803

Tank:

Tank No: 5202 Tank ID:

Tank Status: **Currently In Use** 

Tank Capacity: 12000 11/01/1990 Date Installed: Gasoline Substance: Reported Release: Yes

Close Type: Not reported Date Removed: Not reported Close Type: Not reported Tank Material: **Epoxy Coated Steel** 2nd Containmnt: Cathodically Protected

Tank Lead Detection: Statistical Inventory Reconciliation(SIR)

Overfill Protection: Yes Spill Prevention: Yes

Pipe:

Tank No: 5 Tank Id: 5202 Pipe Id: 5

Pipe Status: Currently In Use Type Of Closure: Not reported

Pipe Material Of Construction: Fiberglass Reinforced Plastic

Secondary Pipe Material: None Piping Type: Pressurized

Pipe Leak Detection: Line Tightness Testing

Tank:

Tank No: Tank ID: 5203

**Currently In Use** Tank Status: Tank Capacity: 12000 Date Installed: 11/01/1990 Gasoline Substance: Reported Release: Yes Close Type: Not reported Date Removed: Not reported Not reported Close Type: Tank Material: **Epoxy Coated Steel** 

2nd Containmnt: Cathodically Protected Tank Lead Detection: Statistical Inventory Reconciliation(SIR)

Overfill Protection: Yes Spill Prevention: Yes

Pipe:

Tank No: 6 Tank Id: 5203 Pipe Id:

Pipe Status: Currently In Use Type Of Closure: Not reported

Fiberglass Reinforced Plastic Pipe Material Of Construction:

Secondary Pipe Material: None Piping Type: Pressurized

Pipe Leak Detection: Line Tightness Testing

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### CIRCLE K #9806 (Continued)

U001301803

Tank: Tank No: 7 5204 Tank ID:

Tank Status: **Currently In Use** 

Tank Capacity: 12000 11/01/1990 Date Installed: Substance: Diesel Reported Release: Yes

Close Type: Not reported Date Removed: Not reported Close Type: Not reported Tank Material: **Epoxy Coated Steel** 2nd Containmnt: Cathodically Protected

Tank Lead Detection: Statistical Inventory Reconciliation(SIR)

Overfill Protection: Yes Spill Prevention: Yes

Pipe:

Tank No: 7 Tank Id: 5204 Pipe Id: 7

Pipe Status: Currently In Use Type Of Closure: Not reported

Pipe Material Of Construction: Fiberglass Reinforced Plastic

Secondary Pipe Material: None Piping Type: Pressurized

Pipe Leak Detection: Line Tightness Testing

RGA LUST:

2012 **CIRCLE K #9806** 586 EAST COMMERCE 2011 **CIRCLE K #9806** 586 EAST COMMERCE 2010 **CIRCLE K #9806** 586 EAST COMMERCE 2009 CIRCLE # 9806 586 EAST COMMERCE 2008 CIRCLE # 9806 586 EAST COMMERCE 2007 CIRCLE # 9806 586 EAST COMMERCE 2006 SHELL #142754 586 EAST COMMERCE 2005 SHELL #142754 586 EAST COMMERCE 2004 SHELL #142754 586 EAST COMMERCE 2003 SHELL #142754 586 EAST COMMERCE 586 EAST COMMERCE 2002 SHELL #142754 2001 SHELL #142754 586 EAST COMMERCE

D16 **HERNANDO GAS MART ENE 630 EAST COMMERCE STREET** 

1/4-1/2 HERNANDO, MS 38632

0.360 mi.

1899 ft. Site 2 of 2 in cluster D

Relative:

Facility Id: 4208 Higher Facility Satus: Inactive Actual: Lust Status: Closed 367 ft. AIID: 26221 Event #:

> Project Manager: Eric James Date Of Report: 04/01/2013 Trust Fund Status: EUD

U001302791

N/A

LUST

UST

Direction Distance

Elevation Site Database(s) EPA ID Number

## **HERNANDO GAS MART (Continued)**

U001302791

**EDR ID Number** 

Confirmed On: 04/01/2013 NFA Date: 07/18/2013

UST:

Facility ID: 4208
Facility Status: Inactive
Facility Tel: Not reported
Latitude: 34 49' 27.2000"
Longitude: 89 58' 42.8000"

Permanently Out of Use Tanks: 6
Active Tanks: 0
AIID: 26221

Owner Name: Sayle Oil Company
Owner Address: PO Box 310
Owner Tele: (662)647-5802

Tank:

Tank No: 1 Tank ID: 10417

Tank Status: Permanently Out of Use

Tank Capacity: 10000
Date Installed: 01/01/1983
Substance: Gasoline
Reported Release: Yes
Close Type: Not reported
Date Removed: 02/28/2013
Close Type: 03/01/2013

Tank Material: Fiberglass Reinforced Plastic

2nd Containmnt: None

Tank Lead Detection: Groundwater/Vapor Monitoring

Overfill Protection: Yes Spill Prevention: Yes

Pipe:

 Tank No:
 1

 Tank Id:
 10417

 Pipe Id:
 1

Pipe Status: Permanently Out of Use

Type Of Closure: Not reported

Pipe Material Of Construction: Fiberglass Reinforced Plastic

Secondary Pipe Material: None
Piping Type: Pressurized

Pipe Leak Detection: Groundwater/Vapor Monitoring

Tank:

Tank No: 2 Tank ID: 10418

Tank Status: Permanently Out of Use

Tank Capacity: 10000
Date Installed: 01/01/1983
Substance: Gasoline
Reported Release: Yes
Close Type: Not reported
Date Removed: 02/28/2013

Direction Distance

Elevation Site Database(s) EPA ID Number

## **HERNANDO GAS MART (Continued)**

U001302791

**EDR ID Number** 

Close Type: 03/01/2013

Tank Material: Fiberglass Reinforced Plastic

2nd Containmnt: None

Tank Lead Detection: Groundwater/Vapor Monitoring

Overfill Protection: Yes Spill Prevention: Yes

Pipe:

 Tank No:
 2

 Tank Id:
 10418

 Pipe Id:
 2

Pipe Status: Permanently Out of Use

Type Of Closure: Not reported

Pipe Material Of Construction: Fiberglass Reinforced Plastic

Secondary Pipe Material: None
Piping Type: Pressurized

Pipe Leak Detection: Groundwater/Vapor Monitoring

Tank:

Tank No: 3 Tank ID: 10419

Tank Status: Permanently Out of Use

Tank Capacity: 10000
Date Installed: 01/01/1983
Substance: Gasoline
Reported Release: Yes
Close Type: Not reported
Date Removed: 02/28/2013
Close Type: 03/01/2013

Tank Material: Fiberglass Reinforced Plastic

2nd Containmnt: None

Tank Lead Detection: Groundwater/Vapor Monitoring

Overfill Protection: Yes Spill Prevention: Yes

Pipe:

 Tank No:
 3

 Tank Id:
 10419

 Pipe Id:
 3

Pipe Status: Permanently Out of Use

Type Of Closure: Not reported

Pipe Material Of Construction: Fiberglass Reinforced Plastic

Secondary Pipe Material: None
Piping Type: Pressurized

Pipe Leak Detection: Groundwater/Vapor Monitoring

Tank:

Tank No: 4
Tank ID: 10420

Tank Status: Permanently Out of Use

Tank Capacity: 1000
Date Installed: 01/01/1983
Substance: Used Oil

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

## **HERNANDO GAS MART (Continued)**

U001302791

**EDR ID Number** 

Reported Release: Yes Close Type: Closed Date Removed: 02/15/1992 Close Type: 02/15/1992

Fiberglass Reinforced Plastic Tank Material:

2nd Containmnt: None Tank Lead Detection: N/A Overfill Protection: No Spill Prevention: No

Tank:

Tank No: 5 10421 Tank ID:

Tank Status: **Permanently Out of Use** 

Tank Capacity: 4000 Date Installed: 05/04/1998 Substance: Diesel Reported Release: Yes Close Type: Closed Date Removed: 10/28/1999 01/10/2000 Close Type: Tank Material: **Epoxy Coated Steel** Cathodically Protected 2nd Containmnt: Tank Lead Detection: Groundwater/Vapor Monitoring

Overfill Protection: Yes

Spill Prevention: Yes

Pipe:

Tank No: 5 Tank Id: 10421 Pipe Id:

Pipe Status: Permanently Out of Use

Type Of Closure: Closed Closed

Pipe Material Of Construction: Fiberglass Reinforced Plastic

Secondary Pipe Material: None Piping Type: Pressurized Pipe Leak Detection: N/A

Tank:

Tank No: 6 Tank ID: 10422

**Tank Status: Permanently Out of Use** 4000

Tank Capacity: 04/01/2000 Date Installed: Diesel Substance: Reported Release: Yes Close Type: Not reported Date Removed: 02/28/2013 03/01/2013 Close Type: Tank Material: **Epoxy Coated Steel** 2nd Containmnt: Cathodically Protected

Groundwater/Vapor Monitoring Tank Lead Detection:

Overfill Protection: Yes Spill Prevention: Yes

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

## **HERNANDO GAS MART (Continued)**

U001302791

**EDR ID Number** 

Pipe:

Tank No: 6 10422 Tank Id: Pipe Id: 6

Pipe Status: Permanently Out of Use

Type Of Closure: Not reported

Pipe Material Of Construction: Fiberglass Reinforced Plastic

Secondary Pipe Material: None Piping Type: Pressurized

Pipe Leak Detection: Groundwater/Vapor Monitoring

E17 **ALUMAX EXTRUSIONS** SHWS S105437884 **RGA HWS** N/A

**ESE** 

1/4-1/2 HERNANDO, MS

0.437 mi.

2309 ft. Site 1 of 2 in cluster E

SHWS: Relative:

Lat/Long (dms): 34 49 12 / 89 58 39 Higher Site Size (acres): Not reported

Actual: EPA ID: MSD097904932 384 ft. Project Manager: Merrill, Bob Status: Not reported

> State No Further Action Date: Not reported Date Phase I Assessment Conducted: Not reported Federal: Archive Federal No Further Action Date: 02/25/98 Soil Contamination: No

Surface Water Contamination: No **Ground Water Contamination:** No Remediation Type:

Not reported Surface Water Remediation: Not reported GW Remediation Type: Not reported NO DATA Maj. Contaminant: High Concentration: Not reported High Concentration Units: Not reported Institutional Control: Not reported Engineering Control: Not reported Not reported Voluntary Cleanups: Date Section 128(a) Assessment: Not reported Date TBA Requested: Not reported 30839 Agency Interest No:

**RGA HWS:** 

**ALUMAX EXTRUSIONS** 2012 2011 **ALUMAX EXTRUSIONS** 2010 **ALUMAX EXTRUSIONS** 2009 **ALUMAX EXTRUSIONS** 2008 **ALUMAX EXTRUSIONS** 2007 **ALUMAX EXTRUSIONS** 2006 **ALUMAX EXTRUSIONS** 2005 **ALUMAX EXTRUSIONS** 2003 **ALUMAX EXTRUSIONS** 2002 ALUMAX EXTRUSIONS 2001 **ALUMAX EXTRUSIONS** 2000 **ALUMAX EXTRUSIONS** 

Direction Distance

Elevation Site Database(s) EPA ID Number

## **ALUMAX EXTRUSIONS (Continued)**

S105437884

**EDR ID Number** 

1999 ALUMAX EXTRUSIONS

E18 ALUMAX EXTRUSIONS CERC-NFRAP 1015734975
ESE 2785 MCCRACKEN RD RCRA-LQG MSD097904932

1/4-1/2 HERNANDO, MS 38632

0.453 mi.

2391 ft. Site 2 of 2 in cluster E

Relative: CERC-NFRAP:

Higher Site ID: 0406451

Federal Facility: Not a Federal Facility

Actual: NPL Status: Not on the NPL

386 ft. Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID: 4570132.00000
Person ID: 4000051.00000

Contact Sequence ID: 4751829.00000
Person ID: 4000275.00000

Contact Sequence ID: 4776996.00000
Person ID: 13002428.00000

CERCLIS-NFRAP Assessment History:

Action: PRELIMINARY ASSESSMENT

Date Started: // Date Completed: 03/19/96

Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: ARCHIVE SITE

Date Started: //
Date Completed: 12/23/96

Priority Level: Not reported

Action: DISCOVERY
Date Started: / /
Date Completed: 01/31/96
Priority Level: Not reported

RCRA-LQG:

Date form received by agency: 04/16/2013

Facility name: SCHULZ XTRUDED PRODUCTS
Facility address: 2785 MCCRACKEN ROAD
HERNANDO, MS 38632

EPA ID: MSD097904932
Contact: FERRY IRAWAN

Contact address: 1001 SCHULZ BOULEVARD ROBINSONVILLE, MS 38864

Contact country: US

Contact telephone: (662) 373-4114

Contact email: FIRAWAN@SXPUSA.COM

EPA Region: 04 Land type: Private

Classification: Large Quantity Generator

Description: Handler: generates 1,000 kg or more of hazardous waste during any

calendar month; or generates more than 1 kg of acutely hazardous waste

MAP FINDINGS Map ID Direction

Distance Elevation

Site Database(s) **EPA ID Number** 

### **ALUMAX EXTRUSIONS (Continued)**

1015734975

**EDR ID Number** 

during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

SCHULZ EXTRUDED PRODUCTS GMBH & CO. KG Owner/operator name:

Owner/operator address: 1001 SCHULZ BOULEVARD

ROBINSONVILLE, MS 38864

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 04/16/2013 Owner/Op end date: Not reported

Owner/operator name: SCHULZ XTRUDED PRODUCTS Owner/operator address: 2785 MCCRACKEN ROAD

HERNANDO, MS 38632

Owner/operator country: US

(662) 373-4114 Owner/operator telephone:

Legal status: Private

Owner/Operator Type: Operator Owner/Op start date: 04/16/2013 Owner/Op end date: Not reported

#### Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: Nο Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

# **Historical Generators:**

Date form received by agency: 03/26/2010

SCHULZ XTRUDED PRODUCTS Facility name: KAWNEER COMPANY, INC. Site name: Classification: Not a generator, verified

Date form received by agency: 02/26/2010

Distance

Elevation Site Database(s) EPA ID Number

## **ALUMAX EXTRUSIONS (Continued)**

1015734975

**EDR ID Number** 

Facility name: SCHULZ XTRUDED PRODUCTS
Site name: KAWNEER COMPANY, INC.
Classification: Large Quantity Generator

Date form received by agency: 02/22/2008

Facility name: SCHULZ XTRUDED PRODUCTS
Site name: KAWNEER COMPANY, INC.
Classification: Large Quantity Generator

Date form received by agency: 03/01/2006

Facility name: SCHULZ XTRUDED PRODUCTS
Site name: KAWNEER COMPANY, INC.
Classification: Large Quantity Generator

Date form received by agency: 06/17/2004

Facility name: SCHULZ XTRUDED PRODUCTS
Site name: KAWNEER COMPANY, INC.
Classification: Large Quantity Generator

Date form received by agency: 02/26/2004

Facility name: SCHULZ XTRUDED PRODUCTS
Site name: ALCOA EXTRUSIONS, INC.
Classification: Large Quantity Generator

Date form received by agency: 12/06/2002

Facility name: SCHULZ XTRUDED PRODUCTS
Site name: ALCOA EXTRUSIONS, INC.
Classification: Large Quantity Generator

Date form received by agency: 03/01/2002

Facility name: SCHULZ XTRUDED PRODUCTS
Site name: ALCOA EXTRUSIONS INC.
Classification: Large Quantity Generator

Date form received by agency: 12/04/2000

Facility name: SCHULZ XTRUDED PRODUCTS

Site name: ALCOA EXTRUSIONS
Classification: Large Quantity Generator

Date form received by agency: 12/03/1999

Facility name: SCHULZ XTRUDED PRODUCTS
Site name: ALCOA EXTRUSIONS, INC.
Classification: Large Quantity Generator

Date form received by agency: 06/10/1998

Facility name: SCHULZ XTRUDED PRODUCTS
Site name: ALUMAX EXTRUSIONS, INC.
Classification: Large Quantity Generator

Date form received by agency: 02/27/1996

Facility name: SCHULZ XTRUDED PRODUCTS
Site name: ALUMAX EXTRUSIONS, INC.
Classification: Large Quantity Generator

Date form received by agency: 02/28/1994

Facility name: SCHULZ XTRUDED PRODUCTS Site name: ALUMAX EXTRUSIONS, INC.

Direction Distance

Elevation Site Database(s) EPA ID Number

## **ALUMAX EXTRUSIONS (Continued)**

1015734975

**EDR ID Number** 

Classification: Large Quantity Generator

Date form received by agency: 02/29/1992

Facility name: SCHULZ XTRUDED PRODUCTS
Site name: ALUMAX EXTRUSIONS INC.
Classification: Large Quantity Generator

Date form received by agency: 02/28/1990

Facility name: SCHULZ XTRUDED PRODUCTS
Site name: ALUMAX EXTRUSIONS, INC.
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Facility Has Received Notices of Violations:

Regulation violated: Not reported

Area of violation: Generators - Pre-transport

Date violation determined: 03/28/2007 Date achieved compliance: 09/04/2007 Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 08/08/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: Used Oil - Generators

Date violation determined: 03/28/2007
Date achieved compliance: 09/04/2007

Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 08/08/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: Universal Waste - Small Quantity Handlers

Date violation determined: 03/28/2007
Date achieved compliance: 09/04/2007
Violation lead agency: State

Direction Distance Elevation

evation Site Database(s) EPA ID Number

## **ALUMAX EXTRUSIONS (Continued)**

1015734975

**EDR ID Number** 

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 08/08/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: TSD IS-Container Use and Management

Date violation determined: 03/28/2007
Date achieved compliance: 09/04/2007
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 08/08/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: Generators - Records/Reporting

Date violation determined: 03/28/2007
Date achieved compliance: 09/04/2007
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 08/08/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: TSD IS-Preparedness and Prevention

Date violation determined: 03/28/2007
Date achieved compliance: 09/04/2007
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 08/08/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: SR - 262.34(c)(1)
Area of violation: Generators - General

Date violation determined: 02/04/1999
Date achieved compliance: 03/09/1999
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Map ID MAP FINDINGS
Direction

Direction Distance Elevation

ation Site Database(s) EPA ID Number

## **ALUMAX EXTRUSIONS (Continued)**

1015734975

**EDR ID Number** 

Enforcement action date: 02/19/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(a)(4),265.35 Area of violation: Generators - General

Date violation determined: 02/04/1999
Date achieved compliance: 03/09/1999
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 02/19/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(a)(4),265.52(e)
Area of violation: Generators - Records/Reporting

Date violation determined: 02/04/1999
Date achieved compliance: 03/09/1999
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 02/19/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: SR - 262.34(c)(1)

Area of violation: Generators - Pre-transport

Date violation determined: 05/16/1995
Date achieved compliance: 06/05/1995
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 05/22/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: SR - 268.7(a)(7)
Area of violation: LDR - General
Date violation determined: 05/16/1995
Date achieved compliance: 06/05/1995
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 05/22/1995

Direction Distance Elevation

vation Site Database(s) EPA ID Number

### **ALUMAX EXTRUSIONS (Continued)**

1015734975

**EDR ID Number** 

Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: SR - MHWMR 268.7A1

Area of violation: LDR - General Date violation determined: 10/22/1990 Date achieved compliance: Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 11/13/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - MHWMR 265.192
Area of violation: Generators - General

Date violation determined: 10/22/1990
Date achieved compliance: 02/19/1991
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 11/13/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - MHWMR 268.2(II)

Area of violation: LDR - General Date violation determined: 10/22/1990 Date achieved compliance: Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 11/01/1990 Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State

Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: SR - MHWMR 268.2(II)

Area of violation: LDR - General Date violation determined: 10/22/1990 Date achieved compliance: Violation lead agency: State

Enforcement action: FINAL 3008(A) COMPLIANCE ORDER

Enforcement action date: 02/04/1991 Enf. disposition status: Not reported

Distance

Elevation Site Database(s) EPA ID Number

## **ALUMAX EXTRUSIONS (Continued)**

1015734975

**EDR ID Number** 

Enf. disp. status date:

Enforcement lead agency:

Proposed penalty amount:

Final penalty amount:

Paid penalty amount:

2250

Paid penalty amount:

2250

Regulation violated: SR - MHWMR 268.7A1
Area of violation: LDR - General

Date violation determined: 10/22/1990
Date achieved compliance: 02/19/1991
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 12/20/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - MHWMR 265.16D

Area of violation: Generators - Records/Reporting

Date violation determined: 10/22/1990
Date achieved compliance: 02/19/1991
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date:

Enf. disposition status:

Enf. disp. status date:

Enforcement lead agency:

Proposed penalty amount:

Final penalty amount:

Paid penalty amount:

I1/13/1990

Not reported

Not reported

Not reported

Not reported

Not reported

Regulation violated: SR - 265.191
Area of violation: Generators - General

Date violation determined: 10/22/1990
Date achieved compliance: 02/19/1991
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 11/13/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Proposed penalty amount: Not reported

Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: SR - MHWMR 265.192
Area of violation: Generators - General

Date violation determined: 10/22/1990
Date achieved compliance: 02/19/1991
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 12/20/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

## **ALUMAX EXTRUSIONS (Continued)**

1015734975

**EDR ID Number** 

Enforcement lead agency:
Proposed penalty amount:
Final penalty amount:
Paid penalty amount:
Not reported
Not reported

Regulation violated: SR - 265.191 Area of violation: Generators - General

Date violation determined: 10/22/1990
Date achieved compliance: 02/19/1991
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date:

Enf. disposition status:

Enf. disp. status date:

Enforcement lead agency:

Proposed penalty amount:

Final penalty amount:

Paid penalty amount:

Not reported

Not reported

Not reported

Not reported

Not reported

Regulation violated: SR - MHWMR 265.16D

Area of violation: Generators - Records/Reporting

Date violation determined: 10/22/1990
Date achieved compliance: 02/19/1991
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 11/01/1990
Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State
Proposed penalty amount: Not reported Paid penalty amount: Not reported Not reported

Regulation violated: SR - MHWMR 268.7A1

Area of violation: LDR - General Date violation determined: 10/22/1990 Date achieved compliance: Violation lead agency: State

Enforcement action: FINAL 3008(A) COMPLIANCE ORDER

Enforcement action date: 02/04/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 2250
Final penalty amount: 2250
Paid penalty amount: 2250

Regulation violated: SR - MHWMR 265.16D

Area of violation: Generators - Records/Reporting

Date violation determined: 10/22/1990
Date achieved compliance: 02/19/1991
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 12/20/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

MAP FINDINGS Map ID

Direction Distance Elevation

Site Database(s) **EPA ID Number** 

## **ALUMAX EXTRUSIONS (Continued)**

1015734975

**EDR ID Number** 

Proposed penalty amount: Not reported Not reported Final penalty amount: Paid penalty amount: Not reported

Regulation violated: SR - MHWMR 268.7A1

Area of violation: LDR - General Date violation determined: 10/22/1990 Date achieved compliance: 02/19/1991 Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

11/01/1990 Enforcement action date: Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: SR - MHWMR 268.2(II)

Area of violation: LDR - General Date violation determined: 10/22/1990 Date achieved compliance: 02/19/1991

Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 11/13/1990 Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: SR - MHWMR 265.192 Area of violation: Generators - General

10/22/1990 Date violation determined: 02/19/1991 Date achieved compliance: Violation lead agency: State

FINAL 3008(A) COMPLIANCE ORDER Enforcement action:

Enforcement action date: 02/04/1991 Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State Proposed penalty amount: 2250

Final penalty amount: 2250 Paid penalty amount: 2250

Regulation violated: SR - 265.191 Area of violation: Generators - General

Date violation determined: 10/22/1990 Date achieved compliance: 02/19/1991 Violation lead agency: State

Enforcement action: FINAL 3008(A) COMPLIANCE ORDER

Enforcement action date: 02/04/1991 Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State Proposed penalty amount:

Direction Distance

Elevation Site Database(s) EPA ID Number

### **ALUMAX EXTRUSIONS (Continued)**

1015734975

**EDR ID Number** 

Final penalty amount: 2250 Paid penalty amount: 2250

Regulation violated: SR - MHWMR 265.16D

Area of violation: Generators - Records/Reporting

Date violation determined: 10/22/1990
Date achieved compliance: 02/19/1991
Violation lead agency: State

Enforcement action: FINAL 3008(A) COMPLIANCE ORDER

Enforcement action date: 02/04/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 2250
Paid penalty amount: 2250

Regulation violated: SR - 265.191
Area of violation: Generators - General

Date violation determined: 10/22/1990
Date achieved compliance: 02/19/1991
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 12/20/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - MHWMR 265.192
Area of violation: Generators - General

Date violation determined: 10/22/1990
Date achieved compliance: 02/19/1991
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 11/01/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - MHWMR 268.2(II)

Area of violation: LDR - General Date violation determined: 10/22/1990 Date achieved compliance: 02/19/1991 Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 12/20/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

## **ALUMAX EXTRUSIONS (Continued)**

1015734975

**EDR ID Number** 

Paid penalty amount: Not reported

**Evaluation Action Summary:** 

Evaluation date: 09/20/2007

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/28/2007

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD IS-Container Use and Management

Date achieved compliance: 09/04/2007 Evaluation lead agency: State

Evaluation date: 03/28/2007

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - Records/Reporting

Date achieved compliance: 09/04/2007 Evaluation lead agency: State

Evaluation date: 03/28/2007

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Used Oil - Generators

Date achieved compliance: 09/04/2007 Evaluation lead agency: State

Evaluation date: 03/28/2007

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

EPA

Evaluation date: 03/28/2007

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Universal Waste - Small Quantity Handlers

Date achieved compliance: 09/04/2007 Evaluation lead agency: State

Evaluation date: 03/28/2007

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD IS-Preparedness and Prevention

Date achieved compliance: 09/04/2007 Evaluation lead agency: State

Evaluation date: 03/28/2007

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - Pre-transport

Date achieved compliance: 09/04/2007 Evaluation lead agency: State

Evaluation date: 09/26/2002

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Direction Distance

Elevation Site Database(s) EPA ID Number

## **ALUMAX EXTRUSIONS (Continued)**

1015734975

**EDR ID Number** 

Evaluation date: 05/11/2000

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 02/04/1999

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - Records/Reporting

Date achieved compliance: 03/09/1999
Evaluation lead agency: State

Evaluation date: 02/04/1999

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 03/09/1999 Evaluation lead agency: State

Evaluation date: 05/16/1995

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: LDR - General Date achieved compliance: 06/05/1995
Evaluation lead agency: State

Evaluation date: 05/16/1995

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - Pre-transport

Date achieved compliance: 06/05/1995 Evaluation lead agency: State

Evaluation date: 02/19/1991

Evaluation: NOT A SIGNIFICANT NON-COMPLIER

Area of violation: Not reported Date achieved compliance: Not reported Evaluation lead agency: State

Evaluation date: 10/22/1990

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - Records/Reporting

Date achieved compliance: 02/19/1991 Evaluation lead agency: State

Evaluation date: 10/22/1990

Evaluation: SIGNIFICANT NON-COMPLIER

Area of violation:
Date achieved compliance:
Evaluation lead agency:

Not reported
State

Evaluation date: 10/22/1990

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: LDR - General Date achieved compliance: 02/19/1991 Evaluation lead agency: State

Evaluation date: 10/22/1990

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**ALUMAX EXTRUSIONS (Continued)** 

Date achieved compliance: 02/19/1991

Evaluation lead agency: State

**GREEN DUCK CORPORATION SHWS** 19 S105437929

West **VCP** N/A 1/2-1 HERNANDO, MS **RGA HWS** 

0.865 mi. 4566 ft.

SHWS: Relative:

34 49 17.71 / 90 0 1.23 Lat/Long (dms): Lower

Site Size (acres): 4

Actual: EPA ID: Not reported 346 ft. Project Manager: Crellin, Jimmy

Active Status: State No Further Action Date: Not reported Date Phase I Assessment Conducted: Not reported Not reported Federal No Further Action Date: Not reported

Soil Contamination: Yes Surface Water Contamination: No **Ground Water Contamination:** Yes Remediation Type: Е

Surface Water Remediation: Not reported

GW Remediation Type: NA

Maj. Contaminant: 1,2-Dichloroethene

1.384 High Concentration: **High Concentration Units:** mg/L Institutional Control: Not reported Not reported **Engineering Control:** Voluntary Cleanups: VEP Date Section 128(a) Assessment: Not reported

Date TBA Requested: Not reported Agency Interest No: 3725

VCP:

Voluntary Cleanup VEP or BF: **VEP** 

**RGA HWS:** 

**GREEN DUCK CORPORATION** 2012 2011 **GREEN DUCK CORPORATION** 2010 **GREEN DUCK CORPORATION GREEN DUCK CORPORATION** 2009 2008 **GREEN DUCK CORPORATION GREEN DUCK CORPORATION** 2007 2006 **GREEN DUCK CORPORATION GREEN DUCK CORPORATION** 2005 **GREEN DUCK CORPORATION** 2003 2002 **GREEN DUCK CORPORATION** 2001 **GREEN DUCK CORPORATION** 2000 **GREEN DUCK CORPORATION** 1999 **GREEN DUCK CORPORATION**  1015734975

Count: 10 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
HERNANDO	U001298247	J & J ONE STOP	HIGHWAY 301 NORTH	38632	UST
HERNANDO	U003775631	KROGER GAS OUTLET	HIGHWAY 304	38632	UST
HERNANDO	U003009320	HENDRIX OIL INC	HIGHWAY 304	38632	UST
HERNANDO	U001298923	WILLIAMS GROCERY	HIGHWAY 304	38632	UST
HERNANDO	U001298921	M W JONES JR	HIGHWAY 304	38632	LUST, UST, RGA LUST
HERNANDO	U003009149	COCKRUM MICROWAVE STATION	HIGHWAY 305	38632	UST
HERNANDO	U001300199	MISSISSIPPI MATERIALS COMPANY	HIGHWAY 51 SOUTH	38632	UST
HERNANDO	1000830823	STYLECRAFT LAMPS INC	325 KAPIK- HWY 51 NORTH	38632	RCRA NonGen / NLR
HERNANDO	U004121969	ESTATE OF EDWARD WHITTEN	LOSHER STREET	38632	LUST, UST, RGA LUST
HERNANDO	1016036251	LOT 6 I55 EAST SUB	MCINGVALE ROAD		FINDS

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

### STANDARD ENVIRONMENTAL RECORDS

#### Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/25/2013 Source: EPA
Date Data Arrived at EDR: 11/11/2013 Telephone: N/A

Date Made Active in Reports: 01/28/2014 Last EDR Contact: 01/21/2014

Number of Days to Update: 78 Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Quarterly

**NPL Site Boundaries** 

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/25/2013 Source: EPA
Date Data Arrived at EDR: 11/11/2013 Telephone: N/A

Number of Days to Update: 78 Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA Telephone: 202-564-4267 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

#### Federal Delisted NPL site list

**DELISTED NPL: National Priority List Deletions** 

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/25/2013 Date Data Arrived at EDR: 11/11/2013 Date Made Active in Reports: 01/28/2014

Number of Days to Update: 78

Source: EPA Telephone: N/A

Last EDR Contact: 01/09/2014

Next Scheduled EDR Contact: 04/21/2014 Data Release Frequency: Quarterly

#### Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013 Date Data Arrived at EDR: 11/11/2013 Date Made Active in Reports: 02/13/2014

Number of Days to Update: 94

Source: EPA Telephone: 703-412-9810 Last EDR Contact: 02/28/2014

Next Scheduled EDR Contact: 06/09/2014 Data Release Frequency: Quarterly

#### FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/31/2013 Date Data Arrived at EDR: 07/08/2013 Date Made Active in Reports: 12/06/2013

Number of Days to Update: 151

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 01/10/2014

Next Scheduled EDR Contact: 04/21/2014 Data Release Frequency: Varies

#### Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013 Date Data Arrived at EDR: 11/11/2013 Date Made Active in Reports: 02/13/2014

Number of Days to Update: 94

Source: EPA Telephone: 703-412-9810 Last EDR Contact: 02/28/2014

Next Scheduled EDR Contact: 06/09/2014 Data Release Frequency: Quarterly

### Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/10/2013 Date Data Arrived at EDR: 10/02/2013 Date Made Active in Reports: 12/16/2013

Number of Days to Update: 75

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 01/02/2014

Next Scheduled EDR Contact: 04/14/2014 Data Release Frequency: Quarterly

#### Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/10/2013 Date Data Arrived at EDR: 10/02/2013 Date Made Active in Reports: 12/16/2013

Number of Days to Update: 75

Source: Environmental Protection Agency

Telephone: (404) 562-8651 Last EDR Contact: 01/02/2014

Next Scheduled EDR Contact: 04/14/2014 Data Release Frequency: Quarterly

#### Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/10/2013 Date Data Arrived at EDR: 10/02/2013 Date Made Active in Reports: 12/16/2013

Number of Days to Update: 75

Source: Environmental Protection Agency

Telephone: (404) 562-8651 Last EDR Contact: 01/02/2014

Next Scheduled EDR Contact: 04/14/2014 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/10/2013 Date Data Arrived at EDR: 10/02/2013 Date Made Active in Reports: 12/16/2013

Number of Days to Update: 75

Source: Environmental Protection Agency

Telephone: (404) 562-8651 Last EDR Contact: 01/02/2014

Next Scheduled EDR Contact: 04/14/2014 Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/10/2013 Date Data Arrived at EDR: 10/02/2013 Date Made Active in Reports: 12/16/2013

Number of Days to Update: 75

Source: Environmental Protection Agency

Telephone: (404) 562-8651 Last EDR Contact: 01/02/2014

Next Scheduled EDR Contact: 04/14/2014 Data Release Frequency: Varies

#### Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/17/2013 Date Data Arrived at EDR: 01/14/2014 Date Made Active in Reports: 01/28/2014

Number of Days to Update: 14

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 12/09/2013

Next Scheduled EDR Contact: 03/24/2014 Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/17/2013 Date Data Arrived at EDR: 01/14/2014 Date Made Active in Reports: 01/28/2014

Number of Days to Update: 14

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 12/09/2013

Next Scheduled EDR Contact: 03/24/2014 Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 11/20/2013 Date Data Arrived at EDR: 11/21/2013 Date Made Active in Reports: 02/24/2014

Number of Days to Update: 95

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 02/14/2014

Next Scheduled EDR Contact: 06/02/2014 Data Release Frequency: Varies

### Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/30/2013 Date Data Arrived at EDR: 10/01/2013 Date Made Active in Reports: 12/06/2013

Number of Days to Update: 66

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 02/07/2014

Next Scheduled EDR Contact: 04/14/2014 Data Release Frequency: Annually

## State- and tribal - equivalent CERCLIS

SHWS: CERCLA/Uncontrolled Sites File List

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 11/25/2013 Date Data Arrived at EDR: 12/31/2013 Date Made Active in Reports: 02/10/2014

Number of Days to Update: 41

Source: Department of Environmental Quality

Telephone: 601-961-5666 Last EDR Contact: 12/31/2013

Next Scheduled EDR Contact: 04/14/2014 Data Release Frequency: Annually

#### State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Landfills

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites

Date of Government Version: 06/01/2013 Date Data Arrived at EDR: 08/28/2013 Date Made Active in Reports: 10/31/2013

Number of Days to Update: 64

Source: Department of Environmental Quality

Telephone: 601-961-5082 Last EDR Contact: 02/28/2014

Next Scheduled EDR Contact: 06/09/2014 Data Release Frequency: Semi-Annually

**DEBRIS: Debris Site Locations Listing** 

A listing of Hurricane Katrina debris disposal site locations. Not all of these sites were approved or utilized. Please note that the list includes a number of different types of sites including vegetative debris burn, chip, staging and disposal sites as well as structural debris staging and disposal sites.

Date of Government Version: 06/17/2008 Date Data Arrived at EDR: 06/17/2008 Date Made Active in Reports: 07/31/2008

Number of Days to Update: 44

Source: Department of Environmental Quality

Telephone: 601-961-5726 Last EDR Contact: 02/24/2014

Next Scheduled EDR Contact: 06/09/2014

Data Release Frequency: Varies

### State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 12/30/2013 Date Data Arrived at EDR: 12/31/2013 Date Made Active in Reports: 02/10/2014

Number of Days to Update: 41

Source: Department of Environmental Quality

Telephone: 601-961-5058 Last EDR Contact: 12/31/2013

Next Scheduled EDR Contact: 01/13/2014 Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013 Date Data Arrived at EDR: 05/01/2013 Date Made Active in Reports: 11/01/2013

Number of Days to Update: 184

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 01/30/2014

Next Scheduled EDR Contact: 05/12/2014 Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/13/2014 Date Data Arrived at EDR: 02/14/2014 Date Made Active in Reports: 02/24/2014

Number of Days to Update: 10

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 01/27/2014

Next Scheduled EDR Contact: 05/12/2014 Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/06/2013 Date Data Arrived at EDR: 11/07/2013 Date Made Active in Reports: 12/06/2013

Number of Days to Update: 29

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 01/27/2014

Next Scheduled EDR Contact: 05/12/2014 Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013 Date Data Arrived at EDR: 03/01/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 42

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 01/27/2014

Next Scheduled EDR Contact: 05/12/2014 Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012 Date Data Arrived at EDR: 08/28/2012 Date Made Active in Reports: 10/16/2012

Number of Days to Update: 49

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 01/27/2014

Next Scheduled EDR Contact: 05/12/2014 Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/27/2013 Date Data Arrived at EDR: 08/27/2013 Date Made Active in Reports: 11/01/2013

Number of Days to Update: 66

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 01/27/2014

Next Scheduled EDR Contact: 05/12/2014 Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011 Date Data Arrived at EDR: 09/13/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 59

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 02/21/2014

Next Scheduled EDR Contact: 05/12/2014 Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/21/2013 Date Data Arrived at EDR: 11/26/2013 Date Made Active in Reports: 02/24/2014

Number of Days to Update: 90

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 01/27/2014

Next Scheduled EDR Contact: 05/12/2014 Data Release Frequency: Semi-Annually

### State and tribal registered storage tank lists

UST: Underground Storage Tanks

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 12/30/2013 Date Data Arrived at EDR: 12/31/2013 Date Made Active in Reports: 01/31/2014

Number of Days to Update: 31

Source: Department of Environmental Quality

Telephone: 601-961-5058 Last EDR Contact: 12/31/2013

Next Scheduled EDR Contact: 04/14/2014 Data Release Frequency: Quarterly

AST: Aboveground Storage Tanks

Aboveground storage tanks regulated by the Department of Agriculture & Commerce. The tanks contents will be gasoline, diesel, racing fuel or kerosene.

Date of Government Version: 12/18/2013 Date Data Arrived at EDR: 12/18/2013 Date Made Active in Reports: 02/10/2014

Number of Days to Update: 54

Source: Department of Agriculture & Commerce

Telephone: 601-359-1101 Last EDR Contact: 02/24/2014

Next Scheduled EDR Contact: 06/09/2014 Data Release Frequency: Semi-Annually

#### INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013 Date Data Arrived at EDR: 05/01/2013 Date Made Active in Reports: 01/27/2014

Number of Days to Update: 271

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 01/30/2014

Next Scheduled EDR Contact: 05/12/2014 Data Release Frequency: Varies

#### INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 07/29/2013 Date Data Arrived at EDR: 08/01/2013 Date Made Active in Reports: 11/01/2013

Number of Days to Update: 92

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 01/27/2014

Next Scheduled EDR Contact: 05/12/2014 Data Release Frequency: Quarterly

#### INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013 Date Data Arrived at EDR: 02/06/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 65

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 01/27/2014

Next Scheduled EDR Contact: 05/12/2014 Data Release Frequency: Quarterly

## INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 07/29/2013 Date Data Arrived at EDR: 07/30/2013 Date Made Active in Reports: 12/06/2013

Number of Days to Update: 129

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 01/27/2014

Next Scheduled EDR Contact: 05/12/2014 Data Release Frequency: Quarterly

## INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/21/2013 Date Data Arrived at EDR: 11/26/2013 Date Made Active in Reports: 02/24/2014

Number of Days to Update: 90

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 01/27/2014

Next Scheduled EDR Contact: 05/12/2014 Data Release Frequency: Semi-Annually

## INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/13/2014 Date Data Arrived at EDR: 02/14/2014 Date Made Active in Reports: 02/24/2014

Number of Days to Update: 10

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 01/27/2014

Next Scheduled EDR Contact: 05/12/2014 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011 Date Data Arrived at EDR: 05/11/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 34

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 01/27/2014

Next Scheduled EDR Contact: 05/12/2014 Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 02/28/2013 Date Made Active in Reports: 04/12/2013

Number of Days to Update: 43

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 01/27/2014

Next Scheduled EDR Contact: 05/12/2014 Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010

Number of Days to Update: 55

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 01/13/2014

Next Scheduled EDR Contact: 04/28/2014 Data Release Frequency: Varies

### State and tribal institutional control / engineering control registries

ENG CONTROLS: Sites with Engineering Controls

Sites included on the CERCLA/Uncontrolled Sites File List that have Engineering Controls. Engineering Controls encompass a variety of engineered remedies to contain and/or reduce contamination, and/or physical barriers intended to limit access to property. ECs include fences, signs, guards, landfill caps, provision of potable water, slurry walls, sheet pile (vertical caps), pumping and treatment of groundwater, monitoring wells, and vapor extraction systems

Date of Government Version: 11/25/2013 Date Data Arrived at EDR: 12/31/2013 Date Made Active in Reports: 02/10/2014

Number of Days to Update: 41

Source: Department of Environmental Quality

Telephone: 601-961-5666 Last EDR Contact: 12/31/2013

Next Scheduled EDR Contact: 04/14/2014 Data Release Frequency: Quarterly

INST CONTROL: Sites with Institutional Controls

Sites included on the CERCLA/Uncontrolled Sites File List that have Institutional Controls. Institutional Controls are non-engineered instruments, such as administrative and/or legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of a remedy by limiting land or resource use

Date of Government Version: 11/25/2013 Date Data Arrived at EDR: 12/31/2013 Date Made Active in Reports: 02/10/2014

Number of Days to Update: 41

Source: Department of Environmental Quality

Telephone: 601-961-5666 Last EDR Contact: 12/31/2013

Next Scheduled EDR Contact: 04/14/2014 Data Release Frequency: Quarterly

#### State and tribal voluntary cleanup sites

VCP: Voluntary Evaluation Program Sites

The Voluntary Evaluation Program allows accepted parties the opportunity to participate in a program that will expedite the evaluation of the site information.

Date of Government Version: 11/25/2013 Date Data Arrived at EDR: 12/31/2013 Date Made Active in Reports: 02/10/2014

Number of Days to Update: 41

Source: Department of Environmental Quality

Telephone: 601-961-5063 Last EDR Contact: 12/31/2013

Next Scheduled EDR Contact: 04/14/2014 Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/17/2013 Date Data Arrived at EDR: 10/01/2013 Date Made Active in Reports: 12/06/2013

Number of Days to Update: 66

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 01/03/2014

Next Scheduled EDR Contact: 04/14/2014 Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

#### State and tribal Brownfields sites

**BROWNFIELDS: Uncontrolled Sites List** 

A listing of sites from the Uncontrolled Sites List that are currently in the Mississippi Brownfields Program (which means that they are pursuing liability protection and paying for MDEQ oversight costs).

Date of Government Version: 11/25/2013 Date Data Arrived at EDR: 12/31/2013 Date Made Active in Reports: 02/10/2014

Number of Days to Update: 41

Source: Department of Environmental Quality

Telephone: 601-961-5666 Last EDR Contact: 12/31/2013

Next Scheduled EDR Contact: 04/14/2014

Data Release Frequency: Varies

#### ADDITIONAL ENVIRONMENTAL RECORDS

### Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/24/2013 Date Data Arrived at EDR: 09/24/2013 Date Made Active in Reports: 12/06/2013

Number of Days to Update: 73

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 02/25/2014

Next Scheduled EDR Contact: 04/07/2014 Data Release Frequency: Semi-Annually

#### Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258

Subtitle D Criteria.

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside

County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 01/27/2014

Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: No Update Planned

SWRCY: Mississippi Recycling Directory A listing of recycling facilities.

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 02/28/2013 Date Made Active in Reports: 03/25/2013

Number of Days to Update: 25

Source: Department of Environmental Quality

Telephone: 601-961-5005 Last EDR Contact: 02/28/2014

Next Scheduled EDR Contact: 06/09/2014

Data Release Frequency: Varies

SWTIRE: Commercial Waste Tire Haulers
A listing of commercial waste tire haulers.

Date of Government Version: 11/14/2013 Date Data Arrived at EDR: 11/19/2013 Date Made Active in Reports: 01/15/2014

Number of Days to Update: 57

Source: Department of Environmental Quality

Telephone: 601-961-5726 Last EDR Contact: 02/10/2014

Next Scheduled EDR Contact: 05/26/2014 Data Release Frequency: Quarterly

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 11/04/2013

Next Scheduled EDR Contact: 02/17/2014 Data Release Frequency: Varies

### Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/04/2013 Date Data Arrived at EDR: 12/10/2013 Date Made Active in Reports: 02/13/2014

Number of Days to Update: 65

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 03/04/2014

Next Scheduled EDR Contact: 06/16/2014 Data Release Frequency: Quarterly

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007 Date Data Arrived at EDR: 11/19/2008 Date Made Active in Reports: 03/30/2009

Number of Days to Update: 131

Source: Drug Enforcement Administration Telephone: 202-307-1000

Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: No Update Planned

#### Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/06/2013 Date Data Arrived at EDR: 04/25/2013 Date Made Active in Reports: 05/10/2013

Number of Days to Update: 15

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 01/27/2014

Next Scheduled EDR Contact: 05/12/2014 Data Release Frequency: Varies

## Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 01/03/2014 Date Made Active in Reports: 02/24/2014

Number of Days to Update: 52

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 01/03/2014

Next Scheduled EDR Contact: 01/13/2014 Data Release Frequency: Annually

### Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste

Date of Government Version: 09/10/2013 Date Data Arrived at EDR: 10/02/2013 Date Made Active in Reports: 12/16/2013

Number of Days to Update: 75

Source: Environmental Protection Agency Telephone: (404) 562-8651

Last EDR Contact: 01/02/2014

Next Scheduled EDR Contact: 04/14/2014

Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012 Date Data Arrived at EDR: 08/07/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 02/06/2014

Next Scheduled EDR Contact: 05/19/2014 Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS Telephone: 888-275-8747 Last EDR Contact: 01/15/2014

Next Scheduled EDR Contact: 04/28/2014 Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 02/26/2013 Date Made Active in Reports: 03/13/2013

Number of Days to Update: 15

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 02/28/2014

Next Scheduled EDR Contact: 03/24/2014

Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 01/24/2014 Date Made Active in Reports: 02/24/2014

Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 12/26/2013

Next Scheduled EDR Contact: 04/14/2014 Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013 Date Data Arrived at EDR: 12/12/2013 Date Made Active in Reports: 02/24/2014

Number of Days to Update: 74

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 12/12/2013

Next Scheduled EDR Contact: 03/24/2014 Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010 Date Data Arrived at EDR: 10/07/2011 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 146

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 02/25/2014

Next Scheduled EDR Contact: 06/09/2014 Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2013 Date Data Arrived at EDR: 09/05/2013 Date Made Active in Reports: 10/03/2013

Number of Days to Update: 28

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 03/05/2014

Next Scheduled EDR Contact: 06/16/2014 Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 07/31/2013 Date Made Active in Reports: 09/13/2013

Number of Days to Update: 44

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 02/26/2014

Next Scheduled EDR Contact: 06/09/2014 Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006 Date Data Arrived at EDR: 09/29/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 64

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 12/26/2013

Next Scheduled EDR Contact: 04/07/2014 Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 02/24/2014

Next Scheduled EDR Contact: 06/09/2014 Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA

Telephone: 202-566-1667 Last EDR Contact: 02/24/2014

Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 77

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 01/28/2014

Next Scheduled EDR Contact: 05/12/2014 Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011 Date Data Arrived at EDR: 11/10/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 10/09/2014

Next Scheduled EDR Contact: 04/28/2014 Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013 Date Data Arrived at EDR: 07/17/2013 Date Made Active in Reports: 11/01/2013

Number of Days to Update: 107

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 01/28/2014

Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013 Date Data Arrived at EDR: 08/02/2013 Date Made Active in Reports: 11/01/2013

Number of Days to Update: 91

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 12/09/2013

Next Scheduled EDR Contact: 03/24/2014 Data Release Frequency: Quarterly

#### RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 09/30/2013 Date Data Arrived at EDR: 10/09/2013 Date Made Active in Reports: 11/01/2013

Number of Days to Update: 23

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 01/10/2014

Next Scheduled EDR Contact: 04/21/2014 Data Release Frequency: Quarterly

#### FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 03/08/2013
Date Data Arrived at EDR: 03/21/2013
Date Made Active in Reports: 07/10/2013

Number of Days to Update: 111

Source: EPA

Telephone: (404) 562-9900 Last EDR Contact: 12/10/2013

Next Scheduled EDR Contact: 03/24/2014 Data Release Frequency: Quarterly

### RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned

### RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/01/2013 Date Data Arrived at EDR: 12/12/2013 Date Made Active in Reports: 02/13/2014

Number of Days to Update: 63

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 01/27/2014

Next Scheduled EDR Contact: 05/12/2014 Data Release Frequency: Varies

### BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 02/26/2013 Date Made Active in Reports: 04/19/2013

Number of Days to Update: 52

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 02/28/2014

Next Scheduled EDR Contact: 06/09/2014 Data Release Frequency: Biennially

UIC: UIC Information

A listing of underground injection cotrol wells.

Date of Government Version: 12/16/2013 Date Data Arrived at EDR: 12/18/2013 Date Made Active in Reports: 01/31/2014

Number of Days to Update: 44

Source: State Oil & Gas Board Telephone: 601-576-4923 Last EDR Contact: 12/18/2013

Next Scheduled EDR Contact: 03/31/2014 Data Release Frequency: Quarterly

PERMITS: Environmental Site Information System Listing

The purpose of this system is to support the permitting and compliance activities of the Office of Pollution Control. Regulatory programs that are supported by this database are the Surface Water National Pollutant Discharge Elimination System (NPDES) Program; the Air Title V, Construction and Operating Programs; and the Solid and Hazardous Waste Programs.

Date of Government Version: 11/28/2013 Date Data Arrived at EDR: 12/05/2013 Date Made Active in Reports: 12/24/2013

Number of Days to Update: 19

Source: The Office of Pollution Control

Telephone: 601-961-5670 Last EDR Contact: 02/14/2014

Next Scheduled EDR Contact: 06/02/2014 Data Release Frequency: Quarterly

DRYCLEANERS: Drycleaner Facilities Listing A listing of drycleaner facilities.

Date of Government Version: 06/08/2009 Date Data Arrived at EDR: 06/09/2009 Date Made Active in Reports: 07/02/2009

Number of Days to Update: 23

Source: Department of Environmental Quality

Telephone: 601-961-5670 Last EDR Contact: 02/14/2014

Next Scheduled EDR Contact: 06/02/2014 Data Release Frequency: Varies

NPDES: Industrial & Municipal NPDES Facilities Water discharge permit data.

Date of Government Version: 11/28/2013 Date Data Arrived at EDR: 12/05/2013 Date Made Active in Reports: 12/24/2013

Number of Days to Update: 19

Source: Department of Environmental Quality

Telephone: 601-961-5666 Last EDR Contact: 02/14/2014

Next Scheduled EDR Contact: 06/02/2014 Data Release Frequency: Quarterly

AIRS: Air Quality Information Listing Air emissions information.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 10/10/2013 Date Made Active in Reports: 11/01/2013

Number of Days to Update: 22

Source: Department of Environmental Quality

Telephone: 601-961-5276 Last EDR Contact: 02/24/2014

Next Scheduled EDR Contact: 06/09/2014 Data Release Frequency: Annually

ASBESTOS: Asbestos Project Listing

A listing of Air Division Asbestos Branch projects.

Date of Government Version: 12/21/2013 Date Data Arrived at EDR: 12/24/2013 Date Made Active in Reports: 02/21/2014

Number of Days to Update: 59

Source: Department of Environmental Quality

Telephone: 601-961-5611 Last EDR Contact: 12/21/2014

Next Scheduled EDR Contact: 04/14/2014 Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater

than 640 acres.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 12/08/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 34

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 01/15/2014

Next Scheduled EDR Contact: 04/28/2014 Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011 Date Data Arrived at EDR: 03/09/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 01/20/2014

Next Scheduled EDR Contact: 05/05/2014 Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011 Date Data Arrived at EDR: 05/18/2012 Date Made Active in Reports: 05/25/2012

Number of Days to Update: 7

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 02/14/2014

Next Scheduled EDR Contact: 05/26/2014 Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013 Date Data Arrived at EDR: 02/14/2013 Date Made Active in Reports: 02/27/2013

Number of Days to Update: 13

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 01/03/2014

Next Scheduled EDR Contact: 04/21/2014 Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001 Date Data Arrived at EDR: 10/27/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 36

Source: American Journal of Public Health

Telephone: 703-305-6451 Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013 Date Data Arrived at EDR: 07/03/2013 Date Made Active in Reports: 09/13/2013

Number of Days to Update: 72

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 01/02/2014

Next Scheduled EDR Contact: 04/14/2014 Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 01/15/2014

Next Scheduled EDR Contact: 04/28/2014

Data Release Frequency: N/A

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011 Date Data Arrived at EDR: 10/19/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 83

Source: Environmental Protection Agency Telephone: 202-566-0517

Telephone: 202-566-0517 Last EDR Contact: 01/30/2014

Next Scheduled EDR Contact: 05/12/2014 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010 Date Data Arrived at EDR: 01/03/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 77

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 12/13/2013

Next Scheduled EDR Contact: 03/24/2014 Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 01/13/2014

Next Scheduled EDR Contact: 04/28/2014 Data Release Frequency: Varies

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013 Date Data Arrived at EDR: 11/06/2013 Date Made Active in Reports: 12/06/2013

Number of Days to Update: 30

Source: EPA

Telephone: 202-564-5962 Last EDR Contact: 12/26/2013

Next Scheduled EDR Contact: 04/14/2014 Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/23/2013 Date Data Arrived at EDR: 11/06/2013 Date Made Active in Reports: 12/06/2013

Number of Days to Update: 30

Source: EPA

Telephone: 202-564-5962 Last EDR Contact: 12/26/2013

Next Scheduled EDR Contact: 04/14/2014 Data Release Frequency: Annually

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 11/20/2013 Date Data Arrived at EDR: 12/03/2013 Date Made Active in Reports: 02/13/2014

Number of Days to Update: 72

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 02/14/2014

Next Scheduled EDR Contact: 06/02/2014 Data Release Frequency: Quarterly

#### EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 06/30/2013 Date Data Arrived at EDR: 08/13/2013 Date Made Active in Reports: 09/13/2013

Number of Days to Update: 31

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 02/10/2014

Next Scheduled EDR Contact: 05/26/2014 Data Release Frequency: Quarterly

### **EDR HIGH RISK HISTORICAL RECORDS**

#### **EDR Exclusive Records**

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

### EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Source: EDR, Inc. Date Data Arrived at EDR: N/A Telephone: N/A Last EDR Contact: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A Source: N/A Date Data Arrived at EDR: N/A Telephone: N/A Last EDR Contact: N/A Date Made Active in Reports: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A Source: N/A Date Data Arrived at EDR: N/A Telephone: N/A Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

#### **EDR RECOVERED GOVERNMENT ARCHIVES**

#### Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Mississippi.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 01/08/2014

Number of Days to Update: 191

Source: Department of Environmental Quality

Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Mississippi.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 01/03/2014

Number of Days to Update: 186

Source: Department of Environmental Quality

Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Mississippi.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/20/2014
Number of Days to Update: 203

Source: Department of Environmental Quality Telephone: N/A Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

### **OTHER DATABASE(S)**

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 11/01/2013 Date Data Arrived at EDR: 11/07/2013 Date Made Active in Reports: 11/18/2013

Number of Days to Update: 11

Source: Department of Environmental Conservation Telephone: 518-402-8651

Last EDR Contact: 02/07/2014

Next Scheduled EDR Contact: 05/19/2014 Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 07/24/2013 Date Made Active in Reports: 08/19/2013

Number of Days to Update: 26

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 01/20/2014

Next Scheduled EDR Contact: 05/05/2014 Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp. Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

**Nursing Homes** 

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

**Private Schools** 

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Listing Source: Department of Health Telephone: 601-576-7613

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

### STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

# **GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM**

#### **TARGET PROPERTY ADDRESS**

STAN ELAM VACANT LOT RAILROAD AVENUE HERNANDO, MS 38632

## TARGET PROPERTY COORDINATES

Latitude (North): 34.8227 - 34° 49' 21.72" Longitude (West): 89.9848 - 89° 59' 5.28"

Universal Tranverse Mercator: Zone 16 UTM X (Meters): 226996.3 UTM Y (Meters): 3857247.2

Elevation: 360 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map: 34089-G8 HERNANDO, MS

Most Recent Revision: 1982

West Map: 34090-G1 FREES CORNERS, MS

Most Recent Revision: 1982

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

#### **GROUNDWATER FLOW DIRECTION INFORMATION**

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

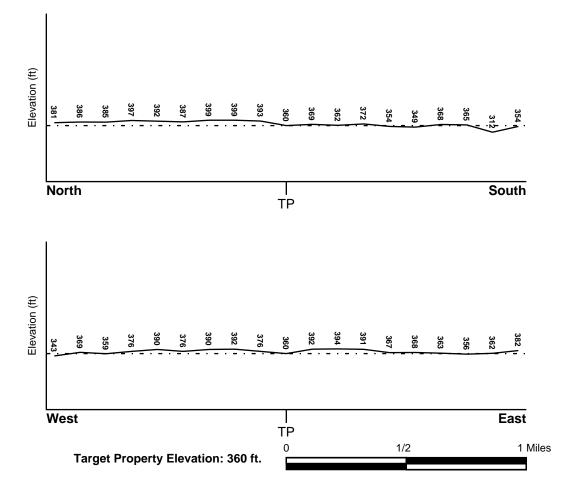
#### **TOPOGRAPHIC INFORMATION**

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

#### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

#### HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

**FEMA FLOOD ZONE** 

FEMA Flood Electronic Data

Target Property County DESOTO, MS

YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:

28033C - FEMA DFIRM Flood data

Additional Panels in search area:

Not Reported

NATIONAL WETLAND INVENTORY

NWI Electronic

NWI Quad at Target Property

Data Coverage

NOT AVAILABLE

YES - refer to the Overview Map and Detail Map

#### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID Not Reported LOCATION FROM TP

GENERAL DIRECTION GROUNDWATER FLOW

#### **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

#### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

#### **GEOLOGIC AGE IDENTIFICATION**

Era: Cenozoic Category: Stratified Sequence

System: Tertiary

Series: Eocene Claiborne Group

Code: Te2 (decoded above as Era, System & Series)

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

#### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: MEMPHIS

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to

water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

			Soil Layer	Information			
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 4.50
2	9 inches	23 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 6.00 Min: 4.50
3	23 inches	77 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 4.50

#### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: No Other Soil Types

Surficial Soil Types: No Other Soil Types

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: No Other Soil Types

## **LOCAL / REGIONAL WATER AGENCY RECORDS**

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

#### WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

## FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A3	USGS40000678751	1/4 - 1/2 Mile NW
B6	USGS40000678631	1/4 - 1/2 Mile WSW
9	USGS40000678692	1/4 - 1/2 Mile ENE
E15	USGS40000678767	1/4 - 1/2 Mile NE
G17	USGS40000678639	1/4 - 1/2 Mile West
H21	USGS40000678630	1/4 - 1/2 Mile ESE
F24	USGS40000678804	1/2 - 1 Mile NE
125	USGS40000678796	1/2 - 1 Mile NW
29	USGS40000678732	1/2 - 1 Mile ENE
J33	USGS40000678681	1/2 - 1 Mile West
J35	USGS40000678689	1/2 - 1 Mile West
K39	USGS40000678911	1/2 - 1 Mile NNE

#### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

		LOCATION
MAP ID	WELL ID	FROM TP
C8	MS0170009	1/4 - 1/2 Mile West

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
<del></del>		
1	MSC100000140710	1/8 - 1/4 Mile ENE
2	MSC100000140399	1/4 - 1/2 Mile East
A4	MSC100000140778	1/4 - 1/2 Mile NW
B5	MSC100000140302	1/4 - 1/2 Mile WSW
C7	MSH30000002808	1/4 - 1/2 Mile West
10	MSU30000002209	1/4 - 1/2 Mile NNE
B11	MSP30000017436	1/4 - 1/2 Mile WSW
D12	MSP30000017445	1/4 - 1/2 Mile ENE
D13	MSP30000017446	1/4 - 1/2 Mile ENE
E14	MSC100000140788	1/4 - 1/2 Mile NE
F16	MSC100000140805	1/4 - 1/2 Mile NE
G18	MSC100000140326	1/4 - 1/2 Mile West
G19	MSU30000002205	1/4 - 1/2 Mile WSW
H20	MSC100000140303	1/4 - 1/2 Mile ESE
E22	MSC100000140806	1/4 - 1/2 Mile NE
F23	MSC100000140816	1/2 - 1 Mile NE
126	MSC100000140853	1/2 - 1 Mile NW
27	MSH30000002819	1/2 - 1 Mile NNE
28	MSH30000002821	1/2 - 1 Mile NNE
30	MSU30000002204	1/2 - 1 Mile WSW
J31	MSC100000140533	1/2 - 1 Mile West
J32	MSC100000140590	1/2 - 1 Mile West
J34	MSPR30000043000	1/2 - 1 Mile West
J36	MSC100000140678	1/2 - 1 Mile West
37	MSC100000140039	1/2 - 1 Mile SSE
J.	1110010000110000	1/2 1 WIIIO OOL

# **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE SUMMARY**

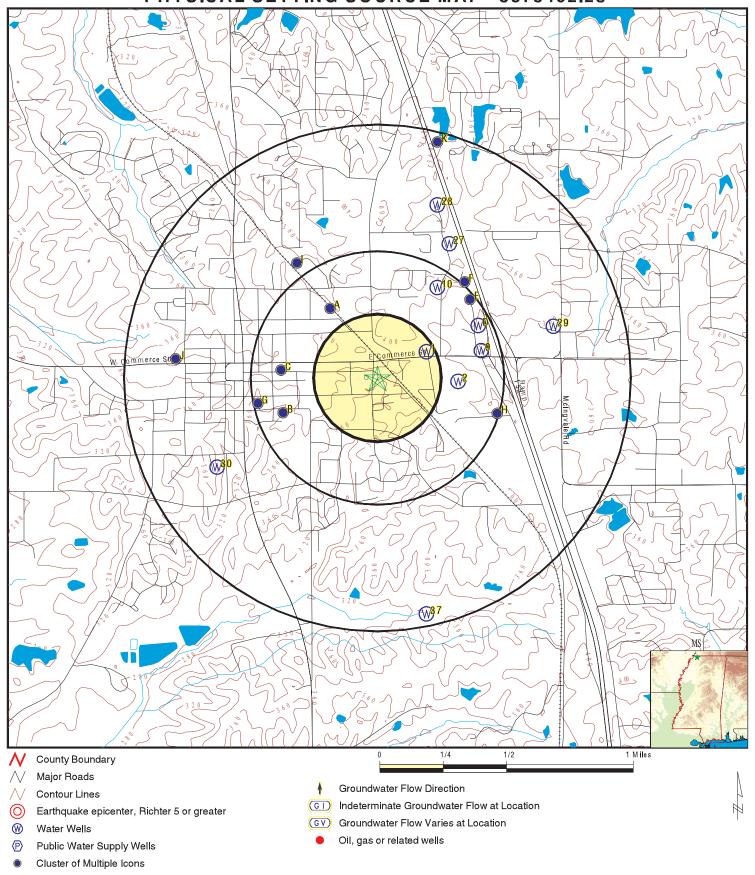
## STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP		
<u></u>	MCDD20000042422	4/0 4 Mile		

 K38
 MSPR30000043133
 1/2 - 1 Mile NNE

 K40
 MSC100000141025
 1/2 - 1 Mile NNE

# PHYSICAL SETTING SOURCE MAP - 3873402.2s



SITE NAME: Stan Elam Vacant Lot ADDRESS: Railroad Avenue

Hernando MS 38632 LAT/LONG: 34.8227 / 89.9848

CLIENT: EarthCon Const CONTACT: Chris Gillentine EarthCon Consultants, Inc.

INQUIRY#: 3873402.2s March 06, 2014 5:24 pm DATE:

Map ID Direction Distance

Elevation Database EDR ID Number

ENE 1/8 - 1/4 Mile MS WELLS MSC100000140710

Higher

County nam: DESOTO Permit num: Not Reported

Fip well: 033L0106
Aquifer: Not Reported
Use 1: INDUSTRIAL
Owner name: NATIONAL TANK

Section: 18 Township: 03S

Range: 07W
Latdd: 34.8242
Longdd: -89.9814
Date drill: 05/03/07

Casing dia: 4
Screen len: 20
Well depth: 245

Site id: MSC100000140710

2 East MS WELLS MSC100000140399

Casing len:

225

1/4 - 1/2 Mile Higher

County nam: DESOTO Permit num: Not Reported

 Fip well:
 033L0002

 Aquifer:
 SPARTA

 Use 1:
 PUBLIC SUPPLY

 Owner name:
 NORTH MS UTILITIES

Section: 18 Township: 03S

 Range:
 07W

 Latdd:
 34.8225

 Longdd:
 -89.9792

 Date drill:
 09/01/59

Date drill: 09/01/59 Casing len: 281 Casing dia: 6

Screen len: 0
Well depth: 319
Site id: MSC100000140399

A3 NW FED USGS USGS40000678751 1/4 - 1/2 Mile

Higher

Org. Identifier: USGS-MS

Formal name: USGS Mississippi Water Science Center

Monloc Identifier: USGS-344936089591701
Monloc name: USGS-344936089591701
L0108 DE SOTO

Monloc type: Well

Monloc desc: AT WATER PLANT

Huc code:08030204Drainagearea value:Not ReportedDrainagearea Units:Not ReportedContrib drainagearea:Not ReportedContrib drainagearea units:Not ReportedLatitude:34.8266667Longitude:-89.9880556Sourcemap scale:Not Reported

Horiz Acc measure: 1 Horiz Acc measure units: seconds

Horiz Collection method: Global positioning system (GPS), uncorrected

Horiz coord refsys: NAD83 Vert measure val: 375. Vert measure units: feet Vertacc measure val: 5

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: Not Reported Formation type: Sparta Sand Aquifer type: Not Reported

Construction date: 20061123 Welldepth: 372 Welldepth units: ft Wellholedepth: 422

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 0

A4 NW MS WELLS MSC100000140778

1/4 - 1/2 Mile Higher

County nam: DESOTO Permit num: Not Reported

Fip well: 033L0108
Aquifer: Not Reported
Use 1: PUBLIC SUPPLY
Owner name: CITY OF HERNANADO

Section: 18 Township: 03S

Range: 07W Latdd: 34.8267 Longdd: -89.9881 Date drill: 11/23/06

Date drill: 11/23/06 Casing len: 295

Casing dia: 18
Screen len: 70
Well depth: 372

Site id: MSC100000140778

B5 WSW MS WELLS MSC100000140302

1/4 - 1/2 Mile Higher

County nam: DESOTO Permit num: Not Reported

Fip well: 033K0008
Aquifer: Not Reported
Use 1: UNUSED
Owner name: HERNANDO

Section: 13 Township: 03S

Range: 08W Latdd: 34.8207 Longdd: -89.9909

Date drill: // Casing len: 0

Casing dia: 0
Screen len: 0
Well depth: 0

Site id: MSC100000140302

Map ID Direction Distance

Elevation Database EDR ID Number

B6 WSW 1/4 - 1/2 Mile

**FED USGS** USGS40000678631

Higher

Org. Identifier: **USGS-MS** 

Formal name: USGS Mississippi Water Science Center

USGS-344914089592701 Monloc Identifier:

K0008 DE SOTO Monloc name:

Well Monloc type:

Monloc desc: Not Reported 08030204 Huc code:

Drainagearea value: Not Reported Not Reported Contrib drainagearea: Not Reported Drainagearea Units: 34.8206538 Contrib drainagearea units: Not Reported Latitude: Longitude: -89.990924 Sourcemap scale: Not Reported seconds Horiz Acc measure: 10 Horiz Acc measure units:

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: Not Reported Not Reported Not Reported Vert measure units: Vertacc measure val:

Vert accmeasure units: Not Reported Vertcollection method: Not Reported

Not Reported US Vert coord refsys: Countrycode:

Aquifername: Not Reported Formation type: Not Reported Aquifer type: Not Reported

Construction date: Not Reported Welldepth: Not Reported Welldepth units: Not Reported Wellholedepth: Not Reported

Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 0

**C7 MS WELLS** MSH30000002808

West 1/4 - 1/2 Mile Higher

> 170009-01 TOWN OF HERNANDO Wellid: Name:

Latn: 344923 Longn: 895929 Type 1: С Cnty: **DESOTO** 33 Fips: Region:

MSH300000002808 Coname: Desoto Site id:

**FRDS PWS** MS0170009 West 1/4 - 1/2 Mile Higher

Pwsid: MS0170009 Epa region: 04 State: MS County: DeSoto

CITY OF HERNANDO Pws name:

Population Served: 8500 3054 Pwssvcconn:

PWS Source: Groundwater

Pws type: **CWS** 

Status: Active Owner type: Local\_Govt

Facility id: 31254

Facility name: TREATMENT FACILITY TF080

Facility type: Treatment\_plant Treatment process: fluoridation

Treatment objective: other

Contact name: JOHNSON, CHIP Original name: JOHNSON, CHIP

Contact phone: 662-429-9092 Contact address1: 475 W COMMERCE ST

Contact address2: Not Reported HERNANDO Contact zip: 38632

Facility id: 31255

Facility name: TREATMENT FACILITY TF081

Facility type: Treatment\_plant Treatment process: fluoridation

Treatment objective: other

Facility id: 34602 Facility name: WELL WL001

Facility type: Well Treatment process: fluoridation

Treatment objective: other

Facility id: 34603 Facility name: WELL WL002

Facility type: Well Treatment process: fluoridation

Treatment objective: other

Facility id: 34604 Facility name: WELL WL003

Facility type: Well Treatment process: fluoridation

Treatment objective: other

Facility id: 37410
Facility name: WELL WL004

Facility type: Well Treatment process: fluoridation

Treatment objective: other

Facility id: 37772

Facility name: DISTRIBUTION DS000

Facility type: Distribution\_system\_zone Treatment process: fluoridation

Treatment objective: other

Facility id: 31254

Facility name: TREATMENT FACILITY TF080

Facility type: Treatment\_plant Treatment process: gaseous chlorination, post

Treatment objective: disinfection

Facility id: 31255

Facility name: TREATMENT FACILITY TF081

Facility type: Treatment\_plant Treatment process: gaseous chlorination, post

Treatment objective: disinfection

Facility id: 34602 Facility name: WELL WL001

Facility type: Well Treatment process: gaseous chlorination, post

Treatment objective: disinfection

Facility id: 34603 Facility name: WELL WL002

Facility type: Well Treatment process: gaseous chlorination, post

Treatment objective: disinfection

Facility id: 34604 Facility name: WELL WL003

Facility type: Well Treatment process: gaseous chlorination, post

Treatment objective: disinfection

Facility id: 37410

Facility name: WELL WL004

Facility type: Treatment process: Well gaseous chlorination, post

Treatment objective: disinfection

Facility id: 37772

Facility name: **DISTRIBUTION DS000** 

Facility type: Distribution\_system\_zone Treatment process: gaseous chlorination, post

Treatment objective: disinfection

PWS ID: MS0170009

Date Initiated: Not Reported Date Deactivated: Not Reported

PWS Name: TOWN OF HERNANDO

> **ED GALE** P O BOX 362

HERNANDO, MS 38632

Addressee / Facility: Operator

TOWN OF HERNANDO

LAVAN GATES

5843 MCCRACKEN RD. HERNANDO, MS 38632

Facility Latitude: 34 49 57.0000 Facility Longitude: 89 58 50.0000 Facility Latitude: 34 49 23.0000 Facility Longitude: 89 59 29.0000 Facility Latitude: 34 49 49.0000 Facility Longitude: 89 58 47.0000

City Served: **HERNANDO** 

Treatment Class: Treated 5130 Population:

Violations information not reported.

## **ENFORCEMENT INFORMATION:**

MS0170009 Truedate: 03/31/2009 Pwsid:

Pwsname: CITY OF HERNANDO Retpopsrvd: 13000 Pwstypecod: С 7000

Vioid: 100 CCR Complete Failure to Report Viol. Type:

Complperbe: 10/19/1999 0:00:00

Complperen: 3/13/2000 0:00:00 Enfdate: 1/7/2000 0:00:00

Contaminant:

Enf action: State CCR Follow-up Notice

Not Reported Violmeasur:

Truedate: 03/31/2009 Pwsid: MS0170009

CITY OF HERNANDO Pwsname:

С Retpopsrvd: 13000 Pwstypecod: Vioid: 100 Contaminant: 7000

CCR Complete Failure to Report Viol. Type:

Complperbe: 10/19/1999 0:00:00

Enfdate: Complperen: 3/13/2000 0:00:00 3/13/2000 0:00:00

Enf action: State Compliance Achieved

Violmeasur: Not Reported

MS0170009 Truedate: 03/31/2009 Pwsid:

Pwsname: CITY OF HERNANDO

Retpopsrvd: 13000 Pwstypecod:

1008 COMBINED RADIUM (-226 & -228) Vioid: Contaminant:

Viol. Type: 3

Complperbe: 4/1/2007 0:00:00

Complperen: 6/30/2007 0:00:00 Enfdate: 11/17/2008 0:00:00

Enf action: State Formal NOV Issued Violmeasur: Not Reported

MS0170009 Truedate: 03/31/2009 Pwsid:

Pwsname: CITY OF HERNANDO

Retpopsrvd: 13000 Pwstypecod:

Vioid: 1008 Contaminant: COMBINED RADIUM (-226 & -228)

Viol. Type: 3 4/1/2007 0:00:00 Complperbe:

Complperen: 6/30/2007 0:00:00 Enfdate: 11/17/2008 0:00:00

State Public Notif Requested Enf action:

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MS0170009

Pwsname: CITY OF HERNANDO

13000 Retpopsrvd: Pwstypecod:

1108 GROSS ALPHA, EXCL. RADON & U Vioid: Contaminant:

Viol. Type: 3 Complperbe: 7/1/2007 0:00:00

9/30/2007 0:00:00 11/17/2008 0:00:00 Complperen: Enfdate:

Enf action: State Formal NOV Issued

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MS0170009

Pwsname: CITY OF HERNANDO 13000

Retpopsrvd: С Pwstypecod:

1108 Contaminant: GROSS ALPHA, EXCL. RADON & U Vioid: Viol. Type: 3

Complperbe: 7/1/2007 0:00:00

Complperen: 11/17/2008 0:00:00 9/30/2007 0:00:00 Enfdate:

Enf action: State Public Notif Requested

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MS0170009

CITY OF HERNANDO Pwsname: 13000 Retpopsrvd: Pwstypecod:

**COMBINED URANIUM** Vioid: 1208 Contaminant: Viol. Type:

Complperbe: 7/1/2007 0:00:00

9/30/2007 0:00:00 Complperen: Enfdate: 11/17/2008 0:00:00

State Formal NOV Issued Enf action:

Violmeasur: Not Reported

03/31/2009 MS0170009 Truedate: Pwsid:

Retpopsrvd: 13000 Pwstypecod:

CITY OF HERNANDO

1208 Contaminant: **COMBINED URANIUM** Vioid:

Viol. Type:

Pwsname:

Complperbe: 7/1/2007 0:00:00

Complperen: 9/30/2007 0:00:00 Enfdate: 11/17/2008 0:00:00

Enf action: State Public Notif Requested Violmeasur: Not Reported

MS0170009 Truedate: 03/31/2009 Pwsid:

Pwsname: CITY OF HERNANDO

Retpopsrvd: 13000 Pwstypecod:

1308 COMBINED RADIUM (-226 & -228) Vioid: Contaminant:

Viol. Type: 3

Complperbe: 7/1/2007 0:00:00

Complperen: 9/30/2007 0:00:00 Enfdate: 11/17/2008 0:00:00

Enf action: State Formal NOV Issued Violmeasur: Not Reported

MS0170009 Truedate: 03/31/2009 Pwsid:

Pwsname: CITY OF HERNANDO Retpopsrvd: 13000 Pwstypecod:

Vioid: 1308 Contaminant: COMBINED RADIUM (-226 & -228)

Viol. Type: 3

7/1/2007 0:00:00 Complperbe: Complperen: 9/30/2007 0:00:00 Enfdate: 11/17/2008 0:00:00

State Public Notif Requested Enf action:

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MS0170009

Pwsname: CITY OF HERNANDO

13000 Retpopsrvd: Pwstypecod:

GROSS ALPHA, EXCL. RADON & U Vioid: 1409 Contaminant:

Viol. Type: 3 Complperbe: 10/1/2007 0:00:00

Complperen: 12/31/2007 0:00:00 Enfdate: 11/17/2008 0:00:00

Enf action: State Formal NOV Issued

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MS0170009

Pwsname: CITY OF HERNANDO 13000 С

Retpopsrvd: Pwstypecod:

1409 Contaminant: GROSS ALPHA, EXCL. RADON & U Vioid: Viol. Type: 3

Complperbe: 10/1/2007 0:00:00

Complperen: 11/17/2008 0:00:00 12/31/2007 0:00:00 Enfdate:

Enf action: State Public Notif Requested Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MS0170009

CITY OF HERNANDO Pwsname:

13000 Retpopsrvd: Pwstypecod:

**COMBINED URANIUM** Vioid: 1509 Contaminant:

Viol. Type: Complperbe: 10/1/2007 0:00:00

Complperen: 12/31/2007 0:00:00 Enfdate: 11/17/2008 0:00:00

State Formal NOV Issued

Enf action: Violmeasur: Not Reported

03/31/2009 MS0170009 Truedate: Pwsid:

CITY OF HERNANDO Pwsname:

Retpopsrvd: 13000 Pwstypecod:

1509 Contaminant: **COMBINED URANIUM** Vioid:

Viol. Type:

Complperbe: 10/1/2007 0:00:00 Complperen: Enfdate: 11/17/2008 0:00:00 12/31/2007 0:00:00

Enf action: State Public Notif Requested

Violmeasur: Not Reported

MS0170009 Truedate: 03/31/2009 Pwsid:

Pwsname: CITY OF HERNANDO

Retpopsrvd: 13000 Pwstypecod:

COMBINED RADIUM (-226 & -228) Vioid: 1609 Contaminant:

Viol. Type: 3

10/1/2007 0:00:00 Complperbe: Complperen: 12/31/2007 0:00:00 Enfdate:

Enf action: State Formal NOV Issued

Violmeasur: Not Reported

MS0170009 Truedate: 03/31/2009 Pwsid:

Pwsname: CITY OF HERNANDO

Retpopsrvd: 13000 Pwstypecod:

Vioid: 1609 Contaminant: COMBINED RADIUM (-226 & -228)

Viol. Type: 3

10/1/2007 0:00:00 Complperbe:

Complperen: 12/31/2007 0:00:00 Enfdate: 11/17/2008 0:00:00

State Public Notif Requested Enf action:

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MS0170009

Pwsname: CITY OF HERNANDO 13000

Retpopsrvd: Pwstypecod:

1709 GROSS ALPHA, EXCL. RADON & U Vioid: Contaminant:

Viol. Type: 3 Complperbe:

1/1/2008 0:00:00 Complperen: 3/31/2008 0:00:00 Enfdate: 11/17/2008 0:00:00

Enf action: State Formal NOV Issued

Violmeasur: Not Reported

Viol. Type:

Violmeasur:

Truedate:

Violmeasur:

Truedate: 03/31/2009 Pwsid: MS0170009

Pwsname: CITY OF HERNANDO

Retpopsrvd: 13000 С Pwstypecod:

1709 Contaminant: GROSS ALPHA, EXCL. RADON & U Vioid:

Complperbe: 1/1/2008 0:00:00

Complperen: 11/17/2008 0:00:00 3/31/2008 0:00:00 Enfdate:

Enf action: State Public Notif Requested

Not Reported

Not Reported

3

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MS0170009

CITY OF HERNANDO Pwsname: 13000 Retpopsrvd: Pwstypecod:

**COMBINED URANIUM** 1809

Vioid: Contaminant: Viol. Type:

Complperbe: 1/1/2008 0:00:00

3/31/2008 0:00:00 Complperen: Enfdate: 11/17/2008 0:00:00

State Formal NOV Issued Enf action:

03/31/2009 MS0170009

CITY OF HERNANDO Pwsname:

Retpopsrvd: 13000 Pwstypecod:

1809 Contaminant: Vioid:

**COMBINED URANIUM** 

Viol. Type: Complperbe: 1/1/2008 0:00:00

Pwsid:

Complperen: Enfdate: 11/17/2008 0:00:00 3/31/2008 0:00:00

Enf action: State Public Notif Requested

11/17/2008 0:00:00

MS0170009 Truedate: 03/31/2009 Pwsid:

Pwsname: CITY OF HERNANDO

Retpopsrvd: 13000 Pwstypecod:

1909 COMBINED RADIUM (-226 & -228) Vioid: Contaminant:

Viol. Type: 3

Complperbe: 1/1/2008 0:00:00

Complperen: 3/31/2008 0:00:00 Enfdate: 11/17/2008 0:00:00 State Formal NOV Issued

Enf action: Violmeasur: Not Reported

MS0170009 Truedate: 03/31/2009 Pwsid:

Pwsname: CITY OF HERNANDO

Retpopsrvd: 13000 Pwstypecod:

Vioid: 1909 Contaminant: COMBINED RADIUM (-226 & -228)

Viol. Type: 3 1/1/2008 0:00:00 Complperbe:

Complperen: 3/31/2008 0:00:00 Enfdate: 11/17/2008 0:00:00

State Public Notif Requested Enf action:

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MS0170009

Pwsname: CITY OF HERNANDO

13000 Retpopsrvd: Pwstypecod:

2009 GROSS ALPHA, EXCL. RADON & U Vioid: Contaminant:

Viol. Type: 3 Complperbe: 4/1/2008 0:00:00

11/17/2008 0:00:00 Complperen: 6/30/2008 0:00:00 Enfdate:

Enf action: State Formal NOV Issued

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MS0170009

Pwsname: CITY OF HERNANDO 13000 С

Retpopsrvd: Pwstypecod:

2009 Contaminant: GROSS ALPHA, EXCL. RADON & U Vioid: Viol. Type: 3

Complperbe: 4/1/2008 0:00:00

Violmeasur:

Truedate:

Violmeasur:

Complperen: 11/17/2008 0:00:00 6/30/2008 0:00:00 Enfdate:

Enf action: State Public Notif Requested

Violmeasur: Not Reported

Not Reported

Not Reported

Truedate: 03/31/2009 Pwsid: MS0170009

CITY OF HERNANDO Pwsname: 13000 Retpopsrvd: Pwstypecod:

**COMBINED URANIUM** 2109

Vioid: Contaminant: Viol. Type:

Complperbe: 4/1/2008 0:00:00

6/30/2008 0:00:00 Complperen: Enfdate: 11/17/2008 0:00:00

State Formal NOV Issued Enf action:

03/31/2009 MS0170009

CITY OF HERNANDO Pwsname:

Retpopsrvd: 13000 Pwstypecod: **COMBINED URANIUM** 

Pwsid:

2109 Contaminant: Vioid:

Viol. Type:

Complperbe: 4/1/2008 0:00:00

Complperen: Enfdate: 11/17/2008 0:00:00 6/30/2008 0:00:00

Enf action: State Public Notif Requested

MS0170009 Truedate: 03/31/2009 Pwsid:

Pwsname: CITY OF HERNANDO

Retpopsrvd: 13000 Pwstypecod:

COMBINED RADIUM (-226 & -228) Vioid: 2209 Contaminant:

Viol. Type: 3

Complperbe: 4/1/2008 0:00:00

Complperen: 6/30/2008 0:00:00 Enfdate: State Formal NOV Issued

Enf action: Violmeasur: Not Reported

MS0170009 Truedate: 03/31/2009 Pwsid:

Pwsname: CITY OF HERNANDO

Retpopsrvd: 13000 Pwstypecod:

Vioid: 2209 Contaminant: COMBINED RADIUM (-226 & -228)

Viol. Type: 3 4/1/2008 0:00:00 Complperbe:

Complperen: 6/30/2008 0:00:00 Enfdate: 11/17/2008 0:00:00

State Public Notif Requested Enf action:

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MS0170009

Pwsname: CITY OF HERNANDO

13000 Retpopsrvd: Pwstypecod:

2309 GROSS ALPHA, EXCL. RADON & U Vioid: Contaminant:

Viol. Type: 3 Complperbe: 7/1/2008 0:00:00

Complperen: 9/30/2008 0:00:00 Enfdate: 11/17/2008 0:00:00

Enf action: State Formal NOV Issued

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MS0170009

Pwsname: CITY OF HERNANDO 13000 С

Retpopsrvd: Pwstypecod: 2309 Contaminant: Vioid:

GROSS ALPHA, EXCL. RADON & U Viol. Type: 3

Complperbe: 7/1/2008 0:00:00 Complperen: 9/30/2008 0:00:00 Enfdate:

11/17/2008 0:00:00 Enf action: State Public Notif Requested

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MS0170009

CITY OF HERNANDO Pwsname:

13000 Retpopsrvd: Pwstypecod:

**COMBINED URANIUM** Vioid: 2409 Contaminant:

Viol. Type: Complperbe: 7/1/2008 0:00:00

Complperbe:

9/30/2008 0:00:00 Complperen: Enfdate: 11/17/2008 0:00:00

State Formal NOV Issued Enf action:

Violmeasur: Not Reported

03/31/2009 MS0170009 Truedate: Pwsid:

CITY OF HERNANDO Pwsname: Retpopsrvd: 13000 Pwstypecod:

**COMBINED URANIUM** 

2409 Contaminant: Vioid:

7/1/2008 0:00:00

Viol. Type:

Complperen: Enfdate: 11/17/2008 0:00:00 9/30/2008 0:00:00

Enf action: State Public Notif Requested

Violmeasur: Not Reported

11/17/2008 0:00:00

Truedate: 03/31/2009 Pwsid: MS0170009

Pwsname: CITY OF HERNANDO

Retpopsrvd: 13000 Pwstypecod: 0

Vioid: 2509 Contaminant: COMBINED RADIUM (-226 & -228)

Viol. Type: 3

Complperbe: 7/1/2008 0:00:00

Compleren: 9/30/2008 0:00:00 Enfdate: 11/17/2008 0:00:00

Enf action: State Formal NOV Issued

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MS0170009

Pwsname: CITY OF HERNANDO

Retpopsrvd: 13000 Pwstypecod: C

Vioid: 2509 Contaminant: COMBINED RADIUM (-226 & -228)

Viol. Type: 3

Complerbe: 7/1/2008 0:00:00

Compleren: 9/30/2008 0:00:00 Enfdate: 11/17/2008 0:00:00

Enf action: State Public Notif Requested

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MS0170009

Pwsname: CITY OF HERNANDO

Retpopsrvd: 13000 Pwstypecod: C Vioid: 2606 Contaminant: 0999

Viol. Type: Monitoring and Reporting Stage 1

Complperbe: 1/1/2006 0:00:00

Complperen: 3/31/2006 0:00:00 Enfdate: No Enf Action as of

Enf action: 7/8/2009 0:00:00
Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MS0170009

Pwsname: CITY OF HERNANDO

Retpopsrvd: 13000 Pwstypecod: C

Vioid: 409 Contaminant: COLIFORM (TCR)

Viol. Type: MCL, Monthly (TCR)
Complperbe: 10/1/2008 0:00:00

Compleren: 10/31/2008 0:00:00 Enfdate: 11/11/2008 0:00:00

Enf action: State Formal NOV Issued

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MS0170009

Pwsname: CITY OF HERNANDO

Retpopsrvd: 13000 Pwstypecod: C

Vioid: 508 Contaminant: GROSS ALPHA, EXCL. RADON & U

Viol. Type: 3

Complperbe: 1/1/2007 0:00:00

Compleren: 3/31/2007 0:00:00 Enfdate: 11/17/2008 0:00:00

Enf action: State Formal NOV Issued

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MS0170009

Pwsname: CITY OF HERNANDO
Retpopsrvd: 13000 Pwstypecod: 0

Vioid: 508 Contaminant: GROSS ALPHA, EXCL. RADON & U

Viol. Type: 3

Complperbe: 1/1/2007 0:00:00

Complperen: 3/31/2007 0:00:00 Enfdate: 11/17/2008 0:00:00

Enf action: State Public Notif Requested

Violmeasur: Not Reported

MS0170009 Truedate: 03/31/2009 Pwsid:

Pwsname: CITY OF HERNANDO

Retpopsrvd: 13000 Pwstypecod:

**COMBINED URANIUM** Vioid: 608 Contaminant:

Viol. Type: 3

Complperbe: 1/1/2007 0:00:00

Complperen: 3/31/2007 0:00:00 Enfdate: 11/17/2008 0:00:00

Enf action: State Formal NOV Issued Violmeasur: Not Reported

MS0170009 Truedate: 03/31/2009 Pwsid:

Pwsname: CITY OF HERNANDO

Retpopsrvd: 13000 Pwstypecod:

Vioid: 608 Contaminant: **COMBINED URANIUM** 

Viol. Type: 3 1/1/2007 0:00:00 Complperbe:

Complperen: 3/31/2007 0:00:00 Enfdate: 11/17/2008 0:00:00

State Public Notif Requested Enf action:

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MS0170009

Pwsname: CITY OF HERNANDO

13000 Retpopsrvd: Pwstypecod:

COMBINED RADIUM (-226 & -228) Vioid: 708 Contaminant:

Viol. Type: 3 Complperbe: 1/1/2007 0:00:00

3/31/2007 0:00:00 Complperen: Enfdate: 11/17/2008 0:00:00

Enf action: State Formal NOV Issued

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MS0170009

Pwsname: CITY OF HERNANDO 13000 С

Retpopsrvd: Pwstypecod:

708 Contaminant: COMBINED RADIUM (-226 & -228) Vioid: Viol. Type: 3

Complperbe: 1/1/2007 0:00:00

Complperen: 11/17/2008 0:00:00 3/31/2007 0:00:00 Enfdate:

Enf action: State Public Notif Requested Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MS0170009

CITY OF HERNANDO Pwsname:

13000 Retpopsrvd: Pwstypecod:

GROSS ALPHA, EXCL. RADON & U Vioid: 808 Contaminant:

Viol. Type:

Complperbe: 4/1/2007 0:00:00

6/30/2007 0:00:00 Complperen: Enfdate: 11/17/2008 0:00:00

State Formal NOV Issued Enf action:

Violmeasur: Not Reported

03/31/2009 MS0170009 Truedate: Pwsid: CITY OF HERNANDO Pwsname:

Retpopsrvd: 13000 Pwstypecod:

4/1/2007 0:00:00

Not Reported

808 Contaminant: GROSS ALPHA, EXCL. RADON & U Vioid:

Viol. Type:

Complperbe:

Violmeasur:

Complperen: Enfdate: 11/17/2008 0:00:00 6/30/2007 0:00:00

Enf action: State Public Notif Requested

TC3873402.2s Page A-20

Truedate: 03/31/2009 Pwsid: MS0170009

Pwsname: CITY OF HERNANDO

Retpopsrvd: 13000 Pwstypecod: 0

Vioid: 908 Contaminant: COMBINED URANIUM

Viol. Type: 3

Complperbe: 4/1/2007 0:00:00

Compleren: 6/30/2007 0:00:00 Enfdate: 11/17/2008 0:00:00

Enf action: State Formal NOV Issued

Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MS0170009

Pwsname: CITY OF HERNANDO

Retpopsrvd: 13000 Pwstypecod: C

Vioid: 908 Contaminant: COMBINED URANIUM

Viol. Type: 3

Complperbe: 4/1/2007 0:00:00

Complperen: 6/30/2007 0:00:00 Enfdate: 11/17/2008 0:00:00

Enf action: State Public Notif Requested

Violmeasur: Not Reported

System Name: TOWN OF HERNANDO
Violation Type: CCR Complete Failure to Report

Contaminant: 7000

Compliance Period: 1999-10-19 - 2000-03-13

Violation ID: 0000001

Enforcement Date: 2000-01-07 Enf. Action: State CCR Follow-up Notice

System Name: TOWN OF HERNANDO

Violation Type: CCR Complete Failure to Report

Contaminant: 7000

Compliance Period: 1999-10-19 - 2015-12-31

Violation ID: 0000001

Enforcement Date: 2000-01-07 Enf. Action: State CCR Follow-up Notice

System Name: TOWN OF HERNANDO

Violation Type: CCR Complete Failure to Report

Contaminant: 7000

Compliance Period: 1999-10-19 - 2000-03-13

Violation ID: 0000001

Enforcement Date: 2000-03-13 Enf. Action: State Compliance Achieved

System Name: CITY OF HERNANDO

Violation Type: CCR Complete Failure to Report

Contaminant: 7000

Compliance Period: 10/19/1999 0:00:00 - 3/13/2000 0:00:00

Violation ID: 100

Enforcement Date: 1/7/2000 0:00:00 Enf. Action: State CCR Follow-up Notice

System Name: CITY OF HERNANDO

Violation Type: CCR Complete Failure to Report

Contaminant: 7000

Compliance Period: 10/19/1999 0:00:00 - 3/13/2000 0:00:00

Violation ID: 100

Enforcement Date: 3/13/2000 0:00:00 Enf. Action: State Compliance Achieved

System Name: CITY OF HERNANDO

Violation Type: CCR Complete Failure to Report

Contaminant: 7000

Compliance Period: 10/19/1999 0:00:00 - 3/13/2000 0:00:00

Violation ID: 100

Enforcement Date: 1/7/2000 0:00:00 Enf. Action: State CCR Follow-up Notice

#### **ENFORCEMENT INFORMATION:**

System Name: CITY OF HERNANDO

Violation Type: CCR Complete Failure to Report

Contaminant: 7000

Compliance Period: 10/19/1999 0:00:00 - 3/13/2000 0:00:00

Violation ID:

**Enforcement Date:** 3/13/2000 0:00:00 Enf. Action: State Compliance Achieved

**CONTACT INFORMATION:** 

Name: CITY OF HERNANDO Population: 13000 Not Reported JOHNSON, CHIP Contact: Phone:

Address: 475 W COMMERCE ST

**HERNANDO** Address 2: MS, 38 662-4

**ENE FED USGS** USGS40000678692

1/4 - 1/2 Mile Higher

> Org. Identifier: **USGS-MS**

Formal name: USGS Mississippi Water Science Center

Monloc Identifier: USGS-344927089583901

Monloc name: L0085 DE SOTO

Monloc type: Well

Monloc desc: Not Reported

Huc code: 08030204 Drainagearea value: Not Reported Drainagearea Units: Not Reported Contrib drainagearea: Not Reported Contrib drainagearea units: Not Reported Latitude: 34.8242647 -89.9775904 Longitude: Sourcemap scale: Not Reported 5 Horiz Acc measure units: seconds

Horiz Acc measure:

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: 360. Vert measure units: feet Vertacc measure val: 5

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: Countrycode: US

Aquifername: Mississippi embayment aquifer system

Sparta Sand Formation type: Not Reported Aquifer type:

20010531 Welldepth: Construction date: 371 Welldepth units: Wellholedepth: 500 ft

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 1

Feet below Feet to

Date Surface Sealevel

2001-05-31 162.

1/4 - 1/2 Mile Higher

**MS WELLS** MSU300000002209

344940 895850 Latn: Longn: Fips: 33 Local no: L005 Ρ Use 1: Aquifer: 124SPRT

MSU300000002209 Depth: 335 Site id:

**B11** WSW 1/4 - 1/2 Mile **MS WELLS** MSP30000017436

Higher

Cnty: 33 Aquifer: **SPRT** Latn: 344915 Longn: 895932

Use 1: MU Source: SPARTA AQUIFER SYSTEM Depth: 364

HERNANDO, CITY OF Ownname: Applname: HERNANDO, CITY OF Site id: MSP300000017436

MSP30000017445 **ENE MS WELLS** 1/4 - 1/2 Mile

Higher

Cnty: 33 Aquifer: **SPRT** 344932 895840 Latn: Longn:

MU Use 1: SPARTA AQUIFER SYSTEM Source:

Depth: 350 HERNANDO, CITY OF Ownname:

Applname: HERNANDO, CITY OF MSP300000017445 Site id:

D13 **MS WELLS** MSP30000017446

1/4 - 1/2 Mile Higher

Higher

Cnty: **SPRT** 33 Aquifer: Latn: 344933 Longn: 895840

SPARTA AQUIFER SYSTEM Use 1: MU Source: Depth: 312

Ownname: HERNANDO, CITY OF Applname: HERNANDO, CITY OF Site id: MSP300000017446

**MS WELLS** MSC100000140788 1/4 - 1/2 Mile

County nam: **DESOTO** Permit num: MS-GW-01872

Fip well: 033L0005 Aquifer: **SPARTA** Use 1: PUBLIC SUPPLY HERNANDO, CITY OF Owner name:

Section: 18 Township: 03S

07W Range: Latdd: 34.8269 Longdd: -89.9783

Date drill: 08/09/68 Casing len: 281

TC3873402.2s Page A-23

Casing dia: 10 Screen len: 54 Well depth: 335

Site id: MSC100000140788

E15
NE FED USGS USGS40000678767

1/4 - 1/2 Mile Higher

Org. Identifier: USGS-MS

Formal name: USGS Mississippi Water Science Center

Monloc Identifier: USGS-344940089585001

Monloc name: L0005 DE SOTO

Monloc type: Well

Monloc desc: Not Reported

08030204 Drainagearea value: Not Reported Huc code: Not Reported Contrib drainagearea: Not Reported Drainagearea Units: Contrib drainagearea units: Not Reported Latitude: 34.8268917 -89.9782333 Not Reported Longitude: Sourcemap scale: Horiz Acc measure: Horiz Acc measure units: seconds

Horiz Collection method: Differentially corrected Global Positioning System (DGPS)

Horiz coord refsys: NAD83 Vert measure val: 380.00 Vert measure units: feet Vertacc measure val: 5.

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode:

Aquifername: Mississippi embayment aquifer system

Formation type: Sparta Sand Aquifer type: Not Reported

Construction date: 19680101 Welldepth: 335

Welldepth units: ft Wellholedepth: Not Reported

Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 1

Feet below Feet to
Date Surface Sealevel

1968-01-01 160.00

1/4 - 1/2 Mile Higher

County nam: DESOTO Permit num: MS-GW-15529

Fip well: 033L0085
Aquifer: SPARTA
Use 1: PUBLIC SUPPLY
Owner name: HERNANDO, CITY OF

Section: 18 Township: 03S

 Range:
 07W

 Latdd:
 34.8278

 Longdd:
 -89.9792

Date drill: 05/31/01 Casing len: 295

US

Casing dia: 18 Screen len: 70 Well depth: 371

Site id: MSC100000140805

G17
West FED USGS USGS40000678639
1/4 - 1/2 Mile

Lower

Org. Identifier: USGS-MS

Formal name: USGS Mississippi Water Science Center

Monloc Identifier: USGS-344915089593501

Monloc name: K0114 DE SOTO

Monloc type: Well

Monloc desc: REGIONAL POT MAP RUN

08030204 Not Reported Huc code: Drainagearea value: Contrib drainagearea: Not Reported Drainagearea Units: Not Reported Contrib drainagearea units: Not Reported Latitude: 34.8214167 -89.9930278 Not Reported Longitude: Sourcemap scale: Horiz Acc measure: Horiz Acc measure units: seconds

Horiz Collection method: Global positioning system (GPS), uncorrected

Horiz coord refsys: NAD83 Vert measure val: 357
Vert measure units: feet Vertacc measure val: 5

Vert accmeasure units: feet

Vertcollection method: Global Positioning System

Vert coord refsys: NAVD88 Countrycode: US

Aquifername: Mississippi embayment aquifer system

Formation type: Sparta Sand Aquifer type: Not Reported

Construction date: 19750101 Welldepth: 364

Welldepth units: ft Wellholedepth: Not Reported

Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 7

Feet below Feet to Feet below Feet to Date Surface Sealevel Date Sealevel Surface 1995-06-26 121.70 1989-10-31 123.03 1989-10-30 123.03 1983-10-05 139.96 1980-11-19 130.20 1979-10-23 134.15 1975-08-16 155.00

G18
West MS WELLS MSC100000140326

1/4 - 1/2 Mile Lower

County nam: DESOTO Permit num: MS-GW-01873

 Fip well:
 033K0114

 Aquifer:
 SPARTA

 Use 1:
 NOT RENEWED

 Owner name:
 HERNANDO, CITY OF

Section: 13 Township: 03S

Range: 08W Latdd: 34.8214 Longdd: -89.9931

Date drill: 01/25/75 Casing len: 304

Casing dia: 12 Screen len: 60 Well depth: 364

MSC100000140326 Site id:

G19 **WSW MS WELLS** MSU30000002205

1/4 - 1/2 Mile Lower

> Latn: 344915 Longn: 895935 Fips: 33 Local no: K114 Ρ Use 1: Aquifer: 124SPRT

Depth: 364 Site id: MSU300000002205

H20 **MS WELLS** MSC100000140303 **ESE** 

1/4 - 1/2 Mile Higher

County nam: **DESOTO** Permit num: Not Reported

033L0003 Fip well: Aquifer: Not Reported Use 1: **IRRIGATION** Owner name: J E JONES

03S Section: 18 Township:

Range: 07W 34.8207 Latdd: Longdd: -89.9765

Date drill: 01/01/51 Casing len: 0

Casing dia: 0 Screen len: 0 Well depth: 0

Site id: MSC100000140303

ESE 1/4 - 1/2 Mile Higher

Org. Identifier:

**USGS-MS** 

Formal name: USGS Mississippi Water Science Center

Monloc Identifier: USGS-344914089583501

L0003 DE SOTO Monloc name:

Well Monloc type:

Monloc desc: Not Reported

Huc code: 08030204 Drainagearea value: Not Reported Drainagearea Units: Not Reported Contrib drainagearea: Not Reported Contrib drainagearea units: Not Reported 34.8206537 Latitude: -89.9764793 Sourcemap scale: Longitude: Not Reported Horiz Acc measure: 10 Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from map

NAD83 380.00 Horiz coord refsys: Vert measure val: Vertacc measure val: Vert measure units: feet 10

Vert accmeasure units: feet Vertcollection method: Unknown

US Vert coord refsys: NGVD29 Countrycode:

Not Reported Aquifername: Formation type: Not Reported **FED USGS** 

USGS40000678630

Aquifer type: Not Reported

Construction date: 19510101 Welldepth: Not Reported Welldepth units: Not Reported Wellholedepth: Not Reported

Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 0

E22 NE 1/4 - 1/2 Mile MSC100000140806 **MS WELLS** 

Higher

County nam: **DESOTO** Permit num: MS-GW-01871

Fip well: 033L0054 Aquifer: SPARTA

Use 1: PUBLIC SUPPLY Owner name: HERNANDO, CITY OF

Section: Township: 03S 18

07W Range: Latdd: 34.8278 Longdd: -89.9786 Date drill: 04/17/75

Casing dia: 10 Screen len: 50 Well depth: 312

Site id: MSC100000140806

F23 **MS WELLS** MSC100000140816

Casing len:

254

295

NE 1/2 - 1 Mile Higher

> **DESOTO** Permit num: MS-GW-16300 County nam:

Fip well: 033L0104 Aquifer: **SPARTA** Use 1: PUBLIC SUPPLY

HERNANDO, CITY OF Owner name:

03S Section: Township: 18

Range: 07W Latdd: 34.8281 Longdd: -89.9786 Date drill: 05/24/07

Casing dia: 18 Screen len: 70

Well depth: 372

Site id: MSC100000140816

F24 USGS40000678804 **FED USGS** 

Casing len:

1/2 - 1 Mile Higher

Org. Identifier: USGS-MS

Formal name: USGS Mississippi Water Science Center

Monloc Identifier: USGS-344946089582501

Monloc name: L0002 DE SOTO

Monloc type: Well

Monloc desc: Not Reported

Huc code: 08030204 Drainagearea value: Not Reported Drainagearea Units: Not Reported Contrib drainagearea: Not Reported 34.828709 Contrib drainagearea units: Not Reported Latitude: -89.9784238 Longitude: Sourcemap scale: Not Reported Horiz Acc measure: 10 Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: 390. Vert measure units: feet Vertacc measure val: 5.

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: Mississippi embayment aquifer system

Formation type: Sparta Sand Aquifer type: Not Reported

Construction date: 19590101 Welldepth: 319

Welldepth units: ft Wellholedepth: Not Reported

Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 5

1989-10-31 160.77 1983-10-06 174.87 1980-11-19 133.67 1979-10-23 166.20

1959-02-01 154.00

I25 NW FED USGS USGS40000678796

1/2 - 1 Mile Higher

Org. Identifier: USGS-MS

Formal name: USGS Mississippi Water Science Center

Monloc Identifier: USGS-344945089592501

Monloc name: K0009 DE SOTO

Monloc type: Well

Monloc desc: Not Reported

Huc code: 08030204 Drainagearea value: Not Reported Drainagearea Units: Not Reported Contrib drainagearea: Not Reported Contrib drainagearea units: Not Reported Latitude: 34.8292646 Longitude: -89.9903684 Not Reported Sourcemap scale: Horiz Acc measure: 5 Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: 355.00 Vert measure units: feet Vertacc measure val: 10

Vert accmeasure units: feet
Vertcollection method: Unknown

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: Mississippi embayment aquifer system

Formation type: Sparta Sand

Aquifer type: Not Reported

Construction date: 19560101 Welldepth: 349

Welldepth units: Wellholedepth: Not Reported

Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 1

Feet below Feet to Date Surface Sealevel

1958-11-01 121.00

NW **MS WELLS** MSC100000140853

1/2 - 1 Mile Higher

> County nam: **DESOTO** Permit num: Not Reported

Fip well: 033K0009 Aquifer: **SPARTA** Use 1: UNUSED Owner name: **HERNANDO** 

Section: 13 Township: 03S

08W Range: 34.8293 Latdd: -89.9904 Longdd:

Date drill: 01/01/56 Casing len: 309

Casing dia: 10 Screen len: 0 Well depth: 349

MSC100000140853 Site id:

27 NNE **MS WELLS** MSH300000002819 1/2 - 1 Mile

Higher

Wellid: 170009-03 TOWN OF HERNANDO Name:

344949 895847 Latn: Longn: Type 1: С Cnty: **DESOTO** Fips: 33 Region:

MSH300000002819 Desoto Site id: Coname:

NNE **MS WELLS** MSH300000002821

1/2 - 1 Mile Higher

> TOWN OF HERNANDO Wellid: 170009-02 Name:

344957 895850 Latn: Longn: С DESOTO Type 1: Cnty: Fips: 33 Region:

Coname: Desoto Site id: MSH300000002821

Map ID Direction Distance

Elevation Database EDR ID Number

29 FED USGS USGS40000678732

1/2 - 1 Mile Lower

Org. Identifier: USGS-MS

Formal name: USGS Mississippi Water Science Center

Monloc Identifier: USGS-344932089582101

Monloc name: L0106 DE SOTO

Monloc type: Well

Monloc desc: 1 MI E OF HERNANDO

08030204 Drainagearea value: Not Reported Huc code: Not Reported Contrib drainagearea: Not Reported Drainagearea Units: Contrib drainagearea units: Not Reported 34.8256536 Latitude: Longitude: -89.9725903 Sourcemap scale: Not Reported 5 Horiz Acc measure: Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: 350.

Vert measure units: feet Vertacc measure val: 5

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: Not Reported Formation type: Sparta Sand Aquifer type: Not Reported

Construction date: 20070503 Welldepth: 245 Welldepth units: ft Wellholedepth: 245

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 0

30 MS WELLS MSU30000002204

1/2 - 1 Mile Higher

 Latn:
 344903
 Longn:
 895945

 Fips:
 33
 Local no:
 K013

 Use 1:
 P
 Aquifer:
 124SPRT

Depth: 334 Site id: MSU300000002204

J31
West
MS WELLS
MSC100000140533
1/2 - 1 Mile

Higher

County nam: DESOTO Permit num: Not Reported

Fip well: 033K0151
Aquifer: Not Reported
Use 1: INDUSTRIAL
Owner name: DWIGHT CHAFFIN

Section: 13 Township: 03S

Range: 08W Latdd: 34.8234 Longdd: -89.9984

Date drill: 06/19/03 Casing len: 210

Casing dia: 4
Screen len: 20
Well depth: 230

Site id: MSC100000140533

J32
West MS WELLS MSC100000140590

1/2 - 1 Mile Higher

County nam: DESOTO Permit num: Not Reported

 Fip well:
 033K0010

 Aquifer:
 SPARTA

 Use 1:
 UNUSED

 Owner name:
 HERNANDO

Section: 13 Township: 03S

Range: 08W
Latdd: 34.8237
Longdd: -89.9987
Date drill: 01/01/34

Date drill: 01/01/34 Casing len: 0

Casing dia: 8
Screen len: 0
Well depth: 250

Site id: MSC100000140590

J33
West FED USGS USGS40000678681
1/2 - 1 Mile

Higher

Org. Identifier: USGS-MS

Formal name: USGS Mississippi Water Science Center

Monloc Identifier: USGS-344925089595501

Monloc name: K0010 DE SOTO

Monloc type: Well

Monloc desc: Not Reported

Huc code: 08030204 Drainagearea value: Not Reported Not Reported Drainagearea Units: Contrib drainagearea: Not Reported Contrib drainagearea units: Not Reported Latitude: 34.8237093 -89.9987019 Not Reported Longitude: Sourcemap scale: Horiz Acc measure: Horiz Acc measure units: minutes

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: Not Reported Vert measure units: Not Reported Vertacc measure val: Not Reported

Vert accmeasure units: Not Reported Vertcollection method: Not Reported

Vert coord refsys: Not Reported Countrycode: US

Aquifername: Mississippi embayment aquifer system

Formation type: Sparta Sand Aquifer type: Not Reported

Construction date: 19340101 Welldepth: 250

Welldepth units: ft Wellholedepth: Not Reported

Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 0

Map ID Direction Distance

Elevation Database EDR ID Number

J34
West MS WELLS MSPR30000043000
1/2 - 1 Mile

Higher

Latn: 344926 Longn: 895956 K075 Н Local no: Use 1: 124SPRT Depth: 180 Aquifer: **DESOTO** County: Fips: 33

Site id: MSPR30000043000

J35
West FED USGS USGS40000678689

1/2 - 1 Mile Higher

Org. Identifier: USGS-MS

Formal name: USGS Mississippi Water Science Center

Monloc Identifier: USGS-344926089595601

Monloc name: K0075 DE SOTO

Monloc type: Well

Monloc desc: Not Reported

Huc code: 08030204 Drainagearea value: Not Reported Drainagearea Units: Not Reported Contrib drainagearea: Not Reported Contrib drainagearea units: Not Reported 34.823987 Latitude: Longitude: -89.9989797 Sourcemap scale: Not Reported Horiz Acc measure: Horiz Acc measure units: minutes

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: Not Reported Vert measure units: Not Reported Vertacc measure val: Not Reported

Vert accmeasure units: Not Reported Vertcollection method: Not Reported

Vert coord refsys: Not Reported Countrycode: US

Aquifername: Mississippi embayment aquifer system

Formation type: Sparta Sand

Aquifer type: Not Reported

Construction date: 19660101 Welldepth: 180

Welldepth units: ft Wellholedepth: Not Reported

Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 2

Feet below Feet to Feet below Feet to
Date Surface Sealevel Date Surface Sealevel

1966-02-01 100.00 1966-02-01 100.00

J36 West 1/2 - 1 Mile Higher

MS WELLS MSC100000140678

County nam: **DESOTO** Permit num: Not Reported

Fip well: 033K0075 Aquifer: **SPARTA DOMESTIC** Use 1: Owner name: R E LEIGH

03S Section: Township: 13

Range: **W80** Latdd: 34.824 Longdd: -89.999 Date drill: 01/01/66

0 Casing len: Casing dia: 4

Screen len: 0 Well depth: 180

Site id: MSC100000140678

MSC100000140039 **MS WELLS** 

1/2 - 1 Mile Lower

> DESOTO County nam: Permit num: Not Reported

033L0101 Fip well: Aquifer: Not Reported **DOMESTIC** Use 1: Owner name: ANDRETTI, PAT

03S Section: Township:

07W Range: Latdd: 34.8092 Longdd: -89.9814 Date drill:

12/01/05 Casing len: 205

Casing dia: 4 10 Screen len: Well depth: 215

Site id: MSC100000140039

K38 NNE 1/2 - 1 Mile **MS WELLS** MSPR30000043133

Higher

345010 895850 Longn: Latn: L030 Use 1: Local no: Н Aquifer: 124SPRT Depth: 296 County: **DESOTO** Fips: 33

MSPR30000043133 Site id:

K39 NNE USGS40000678911 **FED USGS** 

1/2 - 1 Mile Higher

Drainagearea value:

Latitude:

Contrib drainagearea:

Not Reported

Not Reported

34.8362088

Org. Identifier: USGS-MS

Formal name: USGS Mississippi Water Science Center

Monloc Identifier: USGS-345010089585001

Monloc name: L0030 DE SOTO

Monloc type: Well

Monloc desc:
Huc code:
O8030204
Drainagearea Units:
Not Reported
Contrib drainagearea units:
Not Reported

Longitude: -89.980646 Sourcemap scale: Not Reported Horiz Acc measure: 1 Horiz Acc measure units: minutes

Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: Not Reported Vert measure units: Not Reported Vertacc measure val: Not Reported

Vert accmeasure units: Not Reported Vertcollection method: Not Reported

Vert coord refsys: Not Reported Countrycode: US

Aquifername: Mississippi embayment aquifer system

Formation type: Sparta Sand Aquifer type: Not Reported

Construction date: 19610101 Welldepth: 296

Welldepth units: ft Wellholedepth: Not Reported

Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 1

Feet below Feet to
Date Surface Sealevel

-----

1961-05-01 138.00

K40
NNE
MS WELLS
MSC100000141025

1/2 - 1 Mile Higher

County nam: DESOTO Permit num: Not Reported

 Fip well:
 033L0030

 Aquifer:
 SPARTA

 Use 1:
 DOMESTIC

 Owner name:
 C K DILWORTH

Section: 07 Township: 03S

Range: 07W Latdd: 34.8362 Longdd: -89.9806

Date drill: 01/01/61 Casing len: 0

Casing dia: 3
Screen len: 0
Well depth: 296

Site id: MSC100000141025

## AREA RADON INFORMATION

State Database: MS Radon

Radon Test Results

County	Num Sites	Avg Pci/L	Max Pci/L	Median Pci/L	% > 4 Pci/L	% > 20 Pci/L
DESOTO	19	1.1	3.4	0.9	0	0

Federal Area Radon Information for Zip Code: 38632

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.100 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### **TOPOGRAPHIC INFORMATION**

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

#### HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

#### HYDROGEOLOGIC INFORMATION

AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

#### **GEOLOGIC INFORMATION**

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map. USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### LOCAL / REGIONAL WATER AGENCY RECORDS

#### FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

#### STATE RECORDS

#### Health Department Wells

Source: Mississippi Automated Resource Information System Technical Center

Telephone: 601-432-6149

Public supply water wells monitored by the Environmental Division of the Department of Health.

#### Permitted Wells

Source: Mississippi Automated Resource Information System Technical Center

Telephone: 601-432-6149

Water wells, 6-inches in diameter or larger that are permitted and monitored by the Office of Land and Water Resources.

#### **USGS** Private Wells

Source: Mississippi Automated Resource Information System Technical Center

Telephone: 601-432-6149

Privately owned water wells monitored by the USGS.

## USGS Public Wells

Source: Mississippi Automated Resource Information System Technical Center

Telephone: 601-432-6149

Publicly owned water wells monitored by the USGS.

#### OTHER STATE DATABASE INFORMATION

Oil and Gas Well Location Listing

Source: Mississippi Oil and Gas Board

Telephone: 601-354-7119

#### RADON

State Database: MS Radon Source: Department of Health Telephone: 601-987-6893

Radon Levels

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at

private sources such as universities and research institutions.

#### PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

#### OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared

in 1975 by the United State Geological Survey

#### STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

# Appendix D: HISTORICAL USE DOCUMENTATION

# **Stan Elam Vacant Lot**

Railroad Avenue Hernando, MS 38632

Inquiry Number: 3873402.3

March 06, 2014

# Certified Sanborn® Map Report



# **Certified Sanborn® Map Report**

3/06/14

Site Name: Client Name:

Stan Elam Vacant Lot EarthCon Consultants, Inc.
Railroad Avenue 1880 West Oak Parkway
Hernando, MS 38632 Marietta, GA 30062

EDR Inquiry # 3873402.3 Contact: Chris Gillentine



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by EarthCon Consultants, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

#### Certified Sanborn Results:

Site Name: Stan Elam Vacant Lot Address: Railroad Avenue City, State, Zip: Hernando, MS 38632

**Cross Street:** 

**P.O.** # NA

**Project:** 02.20130128.13 **Certification #** 6230-48EB-9FEF

#### Maps Provided:

1936

1925

1915

1909



Sanborn® Library search results Certification # 6230-48EB-9FEF

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

Library of Congress

University Publications of America

**✓** EDR Private Collection

The Sanborn Library LLC Since 1866™

#### **Limited Permission To Make Copies**

EarthCon Consultants, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

#### **Disclaimer - Copyright and Trademark notice**

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2014 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

#### Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



#### 1936 Source Sheets



Volume 1, Sheet Keymap/Sheet1

#### 1925 Source Sheets



Volume 1, Sheet Keymap/Sheet1

#### 1915 Source Sheets

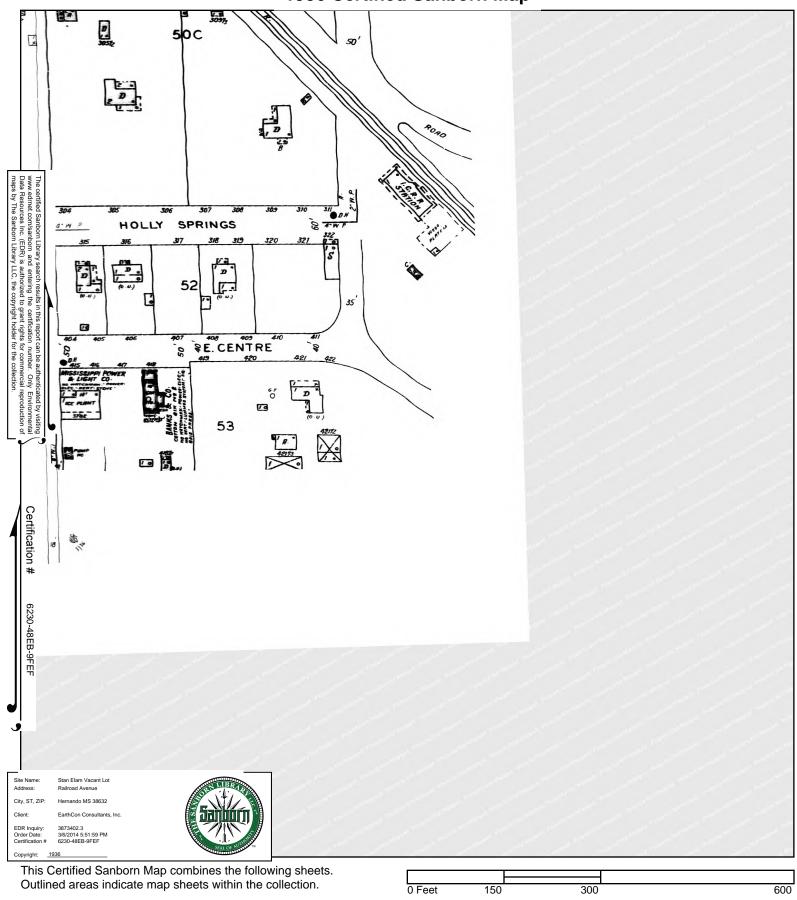


Volume 1, Sheet Keymap/Sheet1

#### 1909 Source Sheets



Volume 1, Sheet Keymap/Sheet1

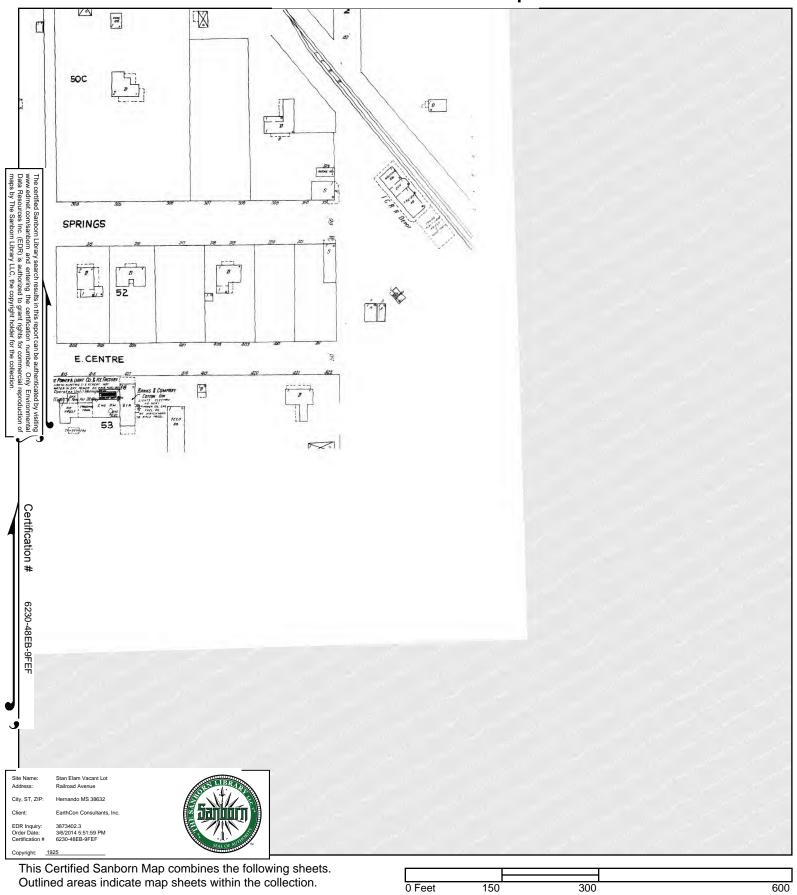






Volume 1, Sheet Keymap/Sheet1

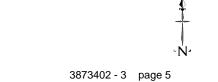


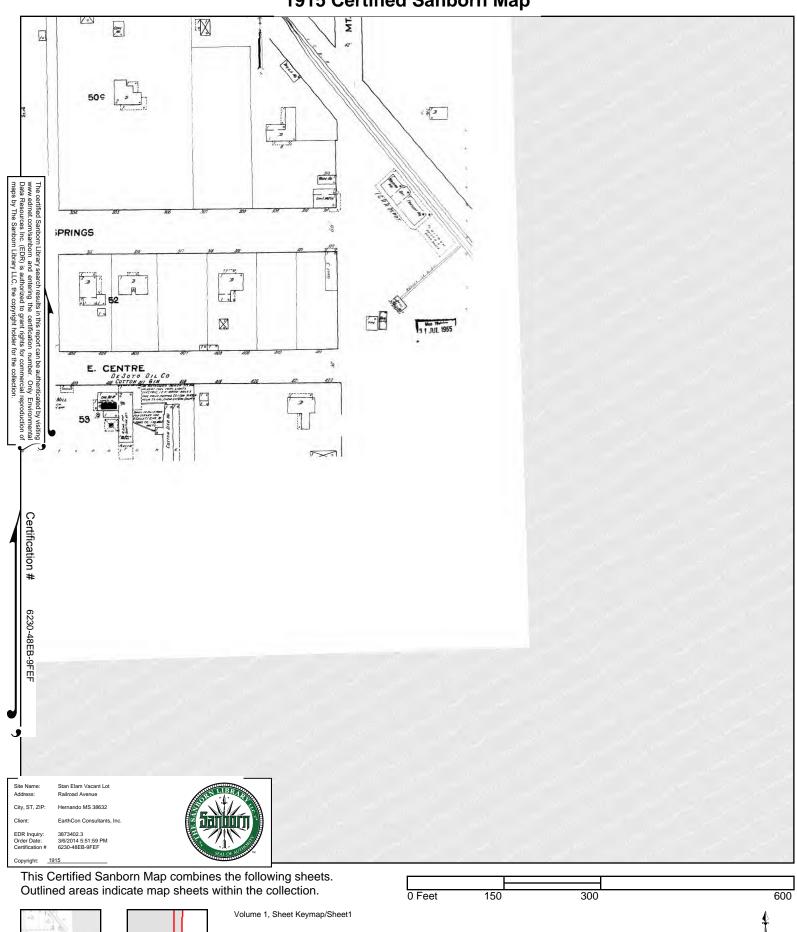




<del>Keymap/S</del>heet1

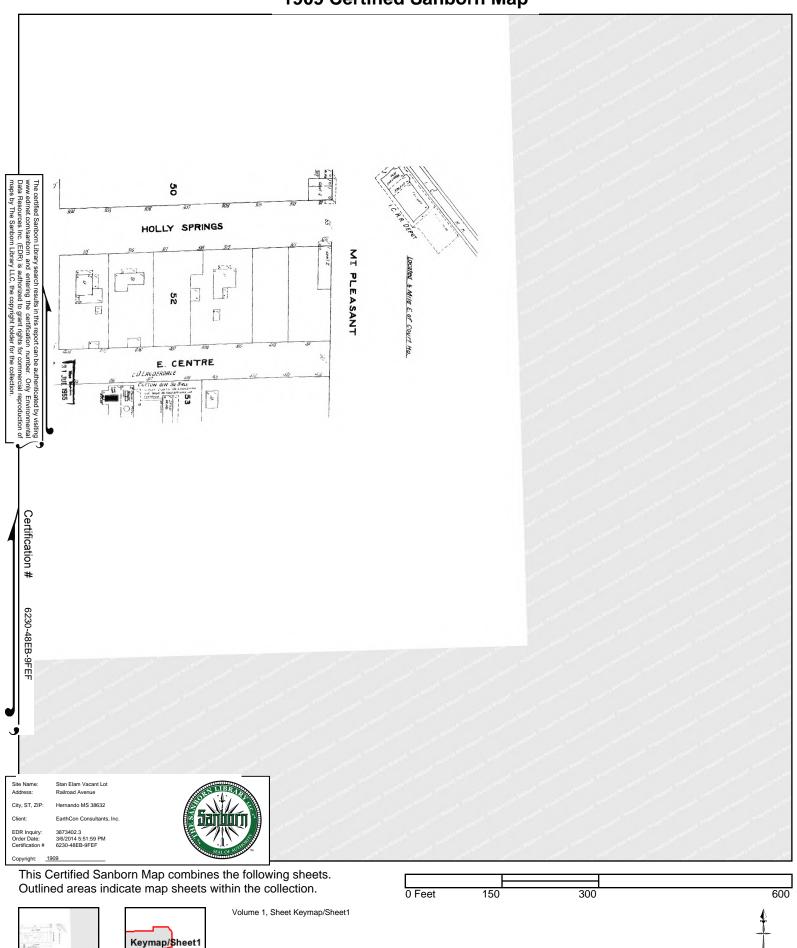
Volume 1, Sheet Keymap/Sheet1





3873402 - 3 page 6

Keymap/Sheet1



3873402 - 3 page 7

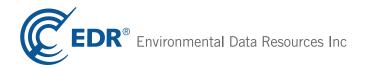
# **Stan Elam Vacant Lot**

Railroad Avenue Hernando, MS 38632

Inquiry Number: 3873402.6s

March 6, 2014

# **EDR Vapor Encroachment Screen**



#### **TABLE OF CONTENTS**

SECTION	PAGI
Executive Summary	ES1
Primary Map	2
Secondary Map	3
Aerial Photography	4
Map Findings	5
Record Sources and Currency	GR-1

**Thank you for your business.**Please contact EDR at 1-800-352-0050 with any questions or comments.

#### **Disclaimer - Copyright and Trademark Notice**

This report contains information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANYSUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES.ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this report "AS IS". Any analyses, estimates, ratings, or risk codes provided in this report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assesment performed by an environmental professional can produce information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2014 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600-10).

		Sur	nmary	y
STANDARD ENVIRONMENTAL RECORDS	Maximum Search Distance*	property	1/10	1/10 - 1/3
Federal NPL	0.333	0	0	0
Federal CERCLIS	0.333	0	0	0
Federal RCRA CORRACTS facilities list	0.333	0	0	0
Federal RCRA TSD facilities list	0.333	0	0	0
Federal RCRA generators list	property	0	-	-
Federal institutional controls / engineering controls registries	0.333	0	0	0
Federal ERNS list	property	0	-	-
State and tribal - equivalent NPL	0.333	0	0	0
State and tribal - equivalent CERCLIS	0.333	0	0	1
State and tribal landfill / solid waste disposal	0.333	0	0	0
State and tribal leaking storage tank lists	0.333	0	0	1
State and tribal registered storage tank lists	property	0	-	-
State and tribal institutional control / engineering control registries	property	0	-	-
State and tribal voluntary cleanup sites	0.333	0	0	0
State and tribal Brownfields sites	0.333	0	0	1
Other Standard Environmental Records	0.333	0	0	1

#### **HISTORICAL USE RECORDS**

Former manufactured Gas Plants	0.333	0	0	0
Historical Gas Stations	0.25	0	5	0
Historical Dry Cleaners	0.25	0	1	3
Exclusive Recovered Govt. Archives	property	0	-	-

<sup>\*</sup>Each category may include several separate databases, each having a different search distance. For each category, the table reports the maximum search distance applied. See the section 'Record Sources and Currency' for information on individual databases.

#### TARGET PROPERTY INFORMATION

#### **ADDRESS**

STAN ELAM VACANT LOT RAILROAD AVENUE HERNANDO, MS 38632

#### **COORDINATES**

Latitude (North): 34.8227 - 34° 49′ 21.721802″ Longitude (West): 89.9848 - 89° 59′ 5.288086″ Elevation: 360 ft. above sea level

#### PHYSICAL SETTING INFORMATION

Flood Zone: Available

NWI Wetlands: Available

#### **AQUIFLOW®**

Search Radius: 0.333 Mile.

No Aquiflow sites reported.

#### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: MEMPHIS

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to

water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

	Soil Layer Information						
	Вои	ındary		Classi	fication		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 4.50

	Soil Layer Information						
	Воц	ındary		Classi	fication		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
2	9 inches	23 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 6.00 Min: 4.50
3	23 inches	77 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 4.50

#### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: No Other Soil Types

Surficial Soil Types: No Other Soil Types

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: No Other Soil Types

# SEARCH RESULTS

Unmappable (orphan) sites are not considered in the foregoing analysis.

# STANDARD ENVIRONMENTAL RECORDS

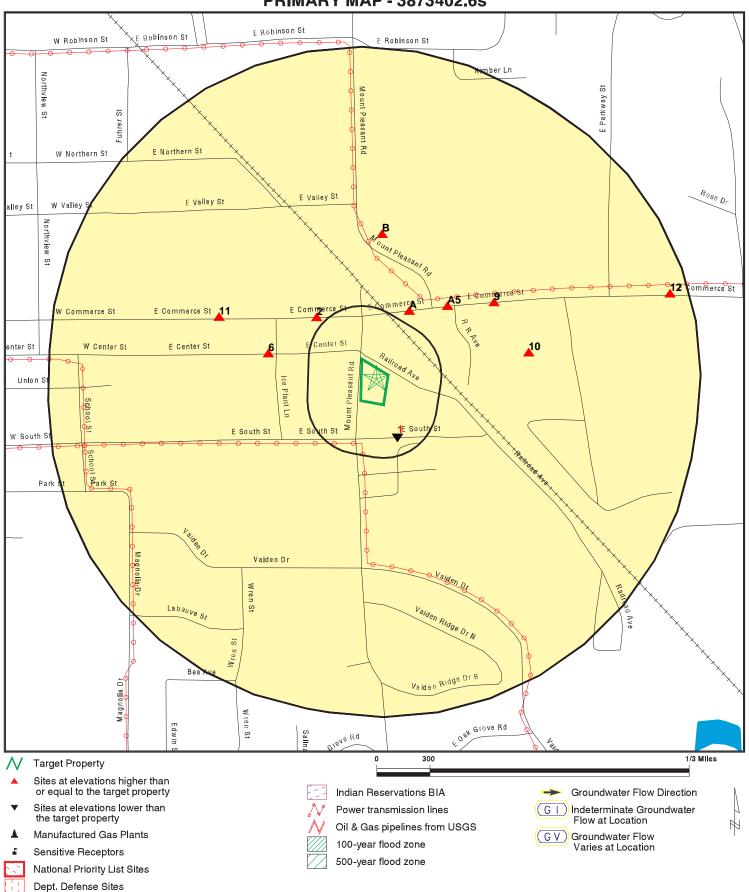
Name	Address	Dist/Dir	Map ID	Page
DESOTO COUNTY SCHOOL BUS LOT FINDS: Other Standard Environmental Records US BROWNFIELDS: Other Standard Environmental Records	425 E. COMMERCE STREET	1/10 - 1/3 ENE	<b>4</b> 9	21
DESOTO CO. SCHOOL BUS LOT (FIDELITY DEVELOPMENT)  SHWS: State and tribal - equivalent CERCLIS RGA HWS: Exclusive Recovered Govt. Archives BROWNFIELDS: State and tribal Brownfields sites INST CONTROL: State and tribal institutional control / engineer ENG CONTROLS: State and tribal institutional control / engineer		1/10 - 1/3 E	<b>1</b> 0	24
CIRCLE K #9806  UST: State and tribal registered storage tank lists LUST: State and tribal leaking storage tank lists RGA LUST: Exclusive Recovered Govt. Archives	586 EAST COMMERCE	1/10 - 1/3 ENE	▲ 12	27

#### HISTORICAL USE RECORDS

Name	Address	Dist/Dir	Map ID	Page
310 E SOUTH ST EDR US Hist Auto Stat: Historical Gas Stations	310 E SOUTH ST	<1/10 SSE	▼1	11
241 E COMMERCE ST EDR US Hist Cleaners: Historical Dry Cleaners	241 E COMMERCE ST	<1/10 NW	<b>^</b> 2	13
345 E COMMERCE ST EDR US Hist Auto Stat: Historical Gas Stations	345 E COMMERCE ST	<1/10 NNE	▲ A3	14
350 E COMMERCE ST EDR US Hist Auto Stat: Historical Gas Stations	350 E COMMERCE ST	<1/10 NNE	▲ A4	15
381 E COMMERCE ST EDR US Hist Auto Stat: Historical Gas Stations	381 E COMMERCE ST	<1/10 NE	▲ A5	16
155 E CENTER ST EDR US Hist Auto Stat: Historical Gas Stations	155 E CENTER ST	1/10 - 1/3 WNW	<b>▲</b> 6	17
2440 MT PLEASANT RD EDR US Hist Cleaners: Historical Dry Cleaners	2440 MT PLEASANT RD	1/10 - 1/3 N	▲ B7	19
2440 MOUNT PLEASANT RD EDR US Hist Cleaners: Historical Dry Cleaners	2440 MOUNT PLEASANT RD	1/10 - 1/3 N	▲ B8	20
DESOTO CO. SCHOOL BUS LOT (FIDELITY DEVELOPMENT)	Not Reported	1/10 - 1/3 E	▲ 10	24

Name	Address	Dist/Dir	Map ID	Page
SHWS: State and tribal - equivalent CERCLIS RGA HWS: Exclusive Recovered Govt. Archives BROWNFIELDS: State and tribal Brownfields sites INST CONTROL: State and tribal institutional control / enginee ENG CONTROLS: State and tribal institutional control / engine	ring control registries ering control registries			
116 E COMMERCE ST EDR US Hist Cleaners: Historical Dry Cleaners	116 E COMMERCE ST	1/10 - 1/3 WNW	▲ 11	26
CIRCLE K #9806  UST: State and tribal registered storage tank lists  LUST: State and tribal leaking storage tank lists  RGA LUST: Exclusive Recovered Govt. Archives	586 EAST COMMERCE	1/10 - 1/3 ENE	▲ 12	27

#### **PRIMARY MAP - 3873402.6s**



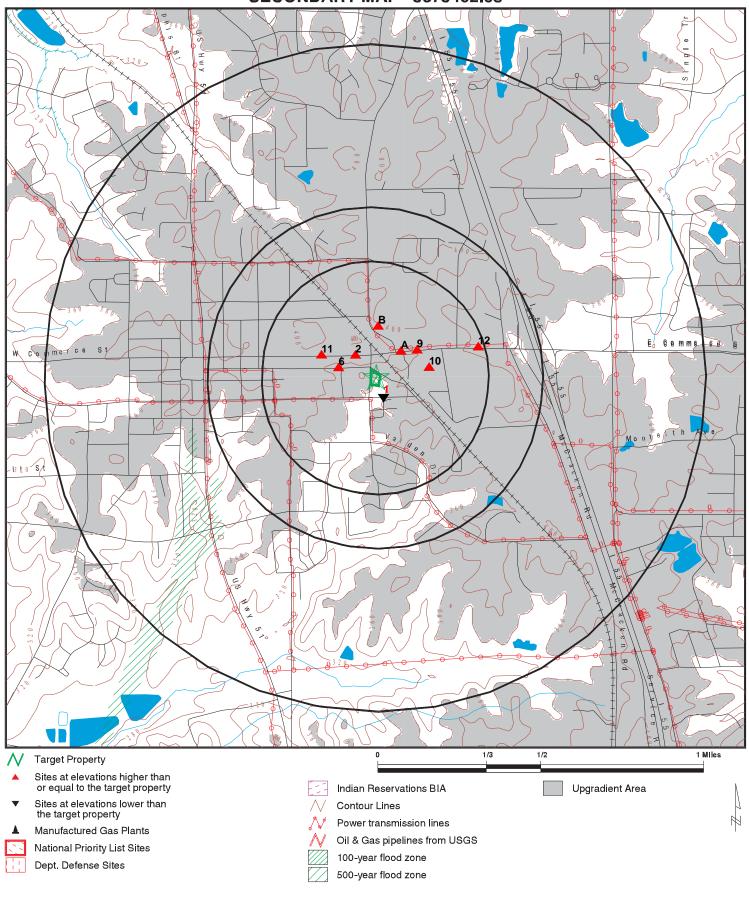
SITE NAME: Stan Elam Vacant Lot ADDRESS: Railroad Avenue

Hernando MS 38632 LAT/LONG: 34.8227 / 89.9848 CLIENT: EarthCon Consultants, Inc.

CONTACT: Chris Gillentine INQUIRY #: 3873402.6s

DATE: March 06, 2014 9:30 pm

# **SECONDARY MAP - 3873402.6s**



SITE NAME: Stan Elam Vacant Lot ADDRESS: Railroad Avenue

Hernando MS 38632 LAT/LONG: 34.8227 / 89.9848

CLIENT: CONTACT: EarthCon Consultants, Inc.

Chris Gillentine INQUIRY#: 3873402.6s

March 06, 2014 9:30 pm DATE:

# **AERIAL PHOTOGRAPHY - 3873402.6s**



SITE NAME: Stan Elam Vacant Lot ADDRESS: Railroad Avenue Hernando MS 38632 LAT/LONG: 34.8227 / 89.9848

CLIENT: EarthCon Consultants, Inc.
CONTACT: Chris Gillentine
INQUIRY#: 3873402.6s
DATE: March 06, 2014 9:31 pm

#### **LEGEND**

FACILITY NAME FACILITY ADDRESS, CITY, ST, ZIP EDR SITE ID NUMBER				
▼ MAP ID#	Direction Distance Range Relative Elevation	(Distance feet / miles) Feet Above Sea Level	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.	
Worksheet:  Comments: Comments may be added on the online Vapor Encroachment Worksheet.				

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

310 E SOUTH ST 310 E SOUTH ST, HERNANDO, MS, 38632			1015412404
	SSE <1/10	(196 ft. / 0.037 mi.)	Historical Gas Stations
▼1	2 ft. Lower Elevation	358 ft. Above Sea Level	

#### Worksheet:

#### EDR Historical Auto Stations: Historical Gas Stations

Name: WORKS AUTO REPAIR

Year: 1999

Address: 310 E SOUTH ST

Name: WORKS AUTO REPAIR

Year: 2000

Address: 310 E SOUTH ST

Name: WORKS AUTO REPAIR

Year: 2001

Address: 310 E SOUTH ST

Name: WORKS AUTO REPAIR

Year: 2002

Address: 310 E SOUTH ST

Name: WORKS AUTO REPAIR

Year: 2003

Address: 310 E SOUTH ST

Name: WORKS AUTO REPAIR

Year: 2004

Address: 310 E SOUTH ST

Name: WORKS AUTO REPAIR

Year: 2005

#### 310 E SOUTH ST, 310 E SOUTH ST, HERNANDO, MS 38632 (Continued)

Address: 310 E SOUTH ST

Name: WORKS AUTO REPAIR

Year: 2006

Address: 310 E SOUTH ST

Name: WORKS AUTO REPAIR

Year: 2007

Address: 310 E SOUTH ST

Name: WORKS AUTO REPAIR

Year: 2008

Address: 310 E SOUTH ST

Name: WORKS AUTO REPAIR

Year: 2010

Address: 310 E SOUTH ST

241 E COMMERCE ST 241 E COMMERCE ST, HERNANDO, MS, 38632			1015025949
	NW <1/10	(343 ft. / 0.065 mi.)	Historical Dry Cleaners
<b>^</b> 2	28 ft. Higher Elevation	388 ft. Above Sea Level	

#### Worksheet:

EDR Historical Cleaners: Historical Dry Cleaners

Name: M & W LAUNDROMAT

Year: 1999

Address: 241 E COMMERCE ST

345 E COMMERCE ST 345 E COMMERCE ST, HERNANDO, MS, 38632			1015439765
	NNE <1/10	(365 ft. / 0.069 mi.)	Historical Gas Stations
▲ A3	22 ft. Higher Elevation	382 ft. Above Sea Level	

#### Worksheet:

#### EDR Historical Auto Stations: Historical Gas Stations

Name: HERNANDO TRANSMISSION REBUILDE

Year: 2004

Address: 345 E COMMERCE ST

Name: HERNANDO TRANSMISSION REBUILDERS

Year: 2008

Address: 345 E COMMERCE ST

Name: HERNANDO TRANSMISSION REBUILDERS

Year: 2009

Address: 345 E COMMERCE ST

Name: HERNANDO TRANSMISSION RBLDRS

Year: 2010

Address: 345 E COMMERCE ST

350 E COMMERCE ST 350 E COMMERCE ST, HERNANDO, MS, 38632			1015442380
	NNE <1/10	(396 ft. / 0.075 mi.)	Historical Gas Stations
▲ A4	22 ft. Higher Elevation	382 ft. Above Sea Level	

#### Worksheet:

#### EDR Historical Auto Stations: Historical Gas Stations

Name: CTR BRYANT TIRE & SERVICE

Year: 2004

Address: 350 E COMMERCE ST

Name: BRYANT TIRE & SVC CTR INC

Year: 2010

Address: 350 E COMMERCE ST

Name: BRYANT TIRE & SERVICE CENTER INC

Year: 2011

Address: 350 E COMMERCE ST

Name: BRYANT TIRE & SERVICE CENTER INC

Year: 2012

Address: 350 E COMMERCE ST

381 E COMMERCE ST 381 E COMMERCE ST, HERNANDO, MS, 38632 1015459167			
	NE <1/10	(508 ft. / 0.096 mi.)	Historical Gas Stations
▲ A5	23 ft. Higher Elevation	383 ft. Above Sea Level	

#### Worksheet:

EDR Historical Auto Stations: Historical Gas Stations

Name: DELTA MUFFLER

Year: 2001

Address: 381 E COMMERCE ST

155 E CENTER ST 155 E CENTER ST, HERNANDO, MS, 38632 1015246501			
	WNW 1/10 - 1/3	(528 ft. / 0.1 mi.)	Historical Gas Stations
<b>A</b> 6	17 ft. Higher Elevation	377 ft. Above Sea Level	

#### Worksheet:

#### EDR Historical Auto Stations: Historical Gas Stations

Name: WARDS AUTO & TRUCK SERVICE

Year: 1999

Address: 155 E CENTER ST

Name: LAUGHTER AUTO SERVICE

Year: 2001

Address: 155 E CENTER ST

Name: HERNANDO AUTOMOTIVE

Year: 2002

Address: 155 E CENTER ST

Name: HERNANDO AUTOMOTIVE

Year: 2003

Address: 155 E CENTER ST

Name: HERNANDO AUTOMOTIVE

Year: 2004

Address: 155 E CENTER ST

Name: HERNANDO AUTOMOTIVE

Year: 2005

Address: 155 E CENTER ST

Name: HERNANDO AUTOMOTIVE

Year: 2006

Address: 155 E CENTER ST

Name: HERNANDO AUTOMOTIVE

Year: 2007

Address: 155 E CENTER ST

Name: HERNANDO AUTOMOTIVE

Year: 2008

Address: 155 E CENTER ST

Name: HERNANDO AUTOMOTIVE

Year: 2009

Address: 155 E CENTER ST

Name: HERNANDO AUTOMOTIVE

Year: 2010

Address: 155 E CENTER ST

Name: HERNANDO AUTOMOTIVE

Year: 2011

Address: 155 E CENTER ST

#### 155 E CENTER ST, 155 E CENTER ST, HERNANDO, MS 38632 (Continued)

Name: HERNANDO AUTOMOTIVE

Year: 2012

Address: 155 E CENTER ST

2440 MT PLEASANT RD 2440 MT PLEASANT RD, HERNANDO, MS, 38632 1015026729			
. D7	N 1/10 - 1/3	(708 ft. / 0.134 mi.)	Historical Dry Cleaners
▲ B7	38 ft. Higher Elevation	398 ft. Above Sea Level	

#### Worksheet:

#### EDR Historical Cleaners: Historical Dry Cleaners

Name: A OK CLEANERS

Year: 2002

Address: 2440 MT PLEASANT RD

Name: A OK CLEANERS

Year: 2003

Address: 2440 MT PLEASANT RD

Name: A OK CLEANERS

Year: 2004

Address: 2440 MT PLEASANT RD

Name: A OK CLEANERS

Year: 2005

Address: 2440 MT PLEASANT RD

Name: A OK CLEANERS

Year: 2006

Address: 2440 MT PLEASANT RD

2440 MOUNT PLEASANT RD 2440 MOUNT PLEASANT RD, HERNANDO, MS, 38632 1015026728			
. 50	N 1/10 - 1/3	(708 ft. / 0.134 mi.)	Historical Dry Cleaners
▲ B8	38 ft. Higher Elevation	398 ft. Above Sea Level	

#### Worksheet:

#### EDR Historical Cleaners: Historical Dry Cleaners

Name: A OK CLEANERS

Year: 2007

Address: 2440 MOUNT PLEASANT RD

Name: A OK CLEANERS

Year: 2008

Address: 2440 MOUNT PLEASANT RD

Name: AOK CLEANERS

Year: 2010

Address: 2440 MOUNT PLEASANT RD

Name: A OK CLEANERS

Year: 2011

Address: 2440 MOUNT PLEASANT RD

Name: A OK CLEANERS

Year: 2012

Address: 2440 MOUNT PLEASANT RD

DESOTO COUNTY SCHOOL BUS LOT 425 E. COMMERCE STREET, HERNANDO, MS,			1007057402
	ENE 1/10 - 1/3	(719 ft. / 0.136 mi.)	Other Standard Environmental Records
<b>A</b> 9	22 ft. Higher Elevation	382 ft. Above Sea Level	

#### Worksheet:

#### FINDS: Other Standard Environmental Records

Registry ID: 110015330462

#### **Environmental Interest/Information System:**

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

MS-ENSITE (Mississippi - Tools For Environmental Management And Protection Organizations). Mississippi Department of Environmental Quality (MDEQ) Office of Pollution Control's (OPC) maintains enSite. It is the electronic Environmental Site Information System that that regulates compliance assurance, permitting, activity tracking, and maintenance of a single agency interest-link to definition master file.

#### **US BROWNFIELDS: Other Standard Environmental Records**

Recipient name: R4 Brownfields TBA (previously Superfund TBA)

Grant type: TBA

Property name: DESOTO COUNTY SCHOOL BUS LOT

Property #: Not Reported

Parcel size: 2

Property Description: Not Reported Latitude: 34.823732 -89.98241 Longitude: HCM label: Not Reported Map scale: Not Reported Point of reference: Not Reported Datum: Not Reported ACRES property ID: 10384

Start date: Not Reported
Completed date: Not Reported
Acres cleaned up: Not Reported
Cleanup funding: Not Reported
Cleanup funding source: Not Reported

Assessment funding: 1

Assessment funding source: US EPA - TBA Funding

Redevelopment funding:

Redev. funding source:

Redev. funding entity name:

Redevelopment start date:

Not Reported

Not Reported

Not Reported

Assessment funding entity: EPA

Cleanup funding entity: Not Reported

#### DESOTO COUNTY SCHOOL BUS LOT, 425 E. COMMERCE STREET, HERNANDO, MS (Continued)

Grant type: H

Accomplishment type: Phase II Environmental Assessment

Accomplishment count: 1
Cooperative agreement #: n/a

Ownership entity: Not Reported Current owner: Not Reported Did owner change: Not Reported Cleanup required: Not Reported Video available: Not Reported Photo available: Not Reported Institutional controls required: Not Reported IC Category proprietary controls: Not Reported IC cat. info. devices: Not Reported IC cat. gov. controls: Not Reported IC cat. enforcement permit tools: Not Reported IC in place date: Not Reported IC in place: Unknown State/tribal program date: Not Reported State/tribal program ID: Not Reported State/tribal NFA date: Not Reported Air contaminated: Not Reported Air cleaned: Not Reported Asbestos found: Not Reported Asbestos cleaned: Not Reported Controled substance found: Not Reported Controled substance cleaned: Not Reported Drinking water affected: Not Reported Drinking water cleaned: Not Reported Groundwater affected: Not Reported Groundwater cleaned: Not Reported Lead contaminant found: Not Reported Lead cleaned up: Not Reported No media affected: Not Reported Unknown media affected: Not Reported Other cleaned up: Not Reported Other metals found: Not Reported Other metals cleaned: Not Reported Other contaminants found: Not Reported Other contams found description: Not Reported PAHs found: Not Reported PAHs cleaned up: Not Reported PCBs found: Not Reported PCBs cleaned up: Not Reported Petro products found: Not Reported Petro products cleaned: Not Reported Sediments found: Not Reported Sediments cleaned: Not Reported Soil affected: Not Reported Soil cleaned up: Not Reported

Not Reported

Surface water cleaned:

#### DESOTO COUNTY SCHOOL BUS LOT, 425 E. COMMERCE STREET, HERNANDO, MS (Continued)

Unknown found: Not Reported VOCs found: Not Reported VOCs cleaned: Not Reported Cleanup other description: Not Reported Num. of cleanup and re-dev. jobs: Not Reported Past use greenspace acreage: Not Reported Past use residential acreage: Not Reported Past use commercial acreage: Not Reported Past use industrial acreage: Not Reported Not Reported Future use greenspace acreage: Future use residential acreage: Not Reported Future use commercial acreage: Not Reported Future use industrial acreage: Not Reported Greenspace acreage and type: Not Reported Superfund Fed. landowner flag: Not Reported

DESOTO CO. SCHOOL BUS LOT (FIDELITY DEVELOPMENT) Not Reported, HERNANDO, MS,			S103920296
▲ 10	E 1/10 - 1/3 (800 ft. / 0.152 mi.)  33 ft. Higher Elevation 393 ft. Above Sea Level		State and tribal - equivalent CERCLIS  State and tribal institutional control / engineering control registries  State and tribal Brownfields sites  Exclusive Recovered Govt. Archives

#### Worksheet:

#### SHWS: State and tribal - equivalent CERCLIS $\cite{3mm}$

Lat/Long (dms): 34 49 23 / 89 58 55

Site Size (acres):

EPA ID: Not Reported
Project Manager: McKercher, Willie

Status:BFAState No Further Action Date:10/24/02Date Phase I Assessment Conducted:Not ReportedFederal:Not ReportedFederal No Further Action Date:Not Reported

Soil Contamination: Yes
Surface Water Contamination: No
Ground Water Contamination: No
Remediation Type: E

Surface Water Remediation:

GW Remediation Type:

Maj. Contaminant:

High Concentration:

20271

High Concentration: 20271
High Concentration Units: mg/Kg
Institutional Control: 10/24/2002

Engineering Control: Y
Voluntary Cleanups: BF

Date Section 128(a) Assessment: Not Reported
Date TBA Requested: Not Reported
Agency Interest No: 18019

#### RGA HWS: Exclusive Recovered Govt. Archives

2012	DESOTO CO. SCHOOL BUS LOT (FIDELITY DEVELOPMENT)
2011	DESOTO CO. SCHOOL BUS LOT (FIDELITY DEVELOPMENT)
2010	DESOTO CO. SCHOOL BUS LOT (FIDELITY DEVELOPMENT)
2009	DESOTO CO. SCHOOL BUS LOT (FIDELITY DEVELOPMENT)
2008	DESOTO CO. SCHOOL BUS LOT (FIDELITY DEVELOPMENT)
2007	DESOTO CO. SCHOOL BUS LOT (FIDELITY DEVELOPMENT)
2006	DESOTO CO. SCHOOL BUS LOT (FIDELITY DEVELOPMENT)
2005	DESOTO CO. SCHOOL BUS LOT (FIDELITY DEVELOPMENT)
2003	DESOTO CO. SCHOOL BUS LOT

#### DESOTO CO. SCHOOL BUS LOT (FIDELITY DEVELOPMENT), Not Reported, HERNANDO, MS (Continued)

2002 DESOTO CO. SCHOOL BUS LOT
2001 DESOTO CO. SCHOOL BUS LOT
2000 DESOTO CO. SCHOOL BUS LOT

BROWNFIELDS: State and tribal Brownfields sites

Voluntary Cleanups: BF

INST CONTROL: State and tribal institutional control / engineering control registries

Institutional Control: 10/24/2002

ENG CONTROLS: State and tribal institutional control / engineering control registries

Engineering Controls: Yes

116 E COMMERCE ST 116 E COMMERCE ST, HERNANDO, MS, 38632			1014978959
. 11	WNW 1/10 - 1/3	(838 ft. / 0.159 mi.)	Historical Dry Cleaners
<b>▲</b> 11	27 ft. Higher Elevation	387 ft. Above Sea Level	

#### Worksheet:

#### EDR Historical Cleaners: Historical Dry Cleaners

Name: BLUE RIBBON CLEANERS & LAUNDRY

Year: 1999

Address: 116 E COMMERCE ST

Name: BLUE RIBBON CLEANERS & LAUNDRY

Year: 2000

Address: 116 E COMMERCE ST

Name: BLUE RIBBON CLEANERS & LAUNDRY

Year: 2001

Address: 116 E COMMERCE ST

Name: BLUE RIBBON CLEANERS & LAUNDRY

Year: 2005

Address: 116 E COMMERCE ST

Name: BLUE RIBBON CLEANERS & LAUNDRY

Year: 2006

Address: 116 E COMMERCE ST

Name: BLUE RIBBON CLEANERS & LAUNDRY

Year: 2007

Address: 116 E COMMERCE ST

Name: BLUE RIBBON CLEANERS & LAUNDRY

Year: 2010

Address: 116 E COMMERCE ST

Name: BLUE RIBBON CLEANERS & LAUNDRY

Year: 2011

Address: 116 E COMMERCE ST

Name: BLUE RIBBON CLEANERS & LAUNDRY

Year: 2012

Address: 116 E COMMERCE ST

CIRCLE K #9806 586 EAST COMME	ERCE, HERNANDO, MS, 3	U001301803	
▲ 12	ENE 1/10 - 1/3	(1650 ft. / 0.313 mi.)	State and tribal leaking storage tank lists State and tribal registered storage tank lists Exclusive Recovered Govt. Archives
	15 ft. Higher Elevation	375 ft. Above Sea Level	

### Worksheet:

### UST: State and tribal registered storage tank lists

Facility ID: 2264
Facility Status: Active
Facility Tel: Not Reported
Latitude: 34 49' 27.9000"
Longitude: 89 58' 46.2000"

Permanently Out of Use Tanks: 4
Active Tanks: 3
AIID: 1463

Owner Name: Circle K Stores Inc

Owner Address: 2440 Whitehall Park Drive Suite 800

Owner Tele: (704)583-5727

#### Tank:

Tank No: 1
Tank ID: 5198

Tank Status: Permanently Out of Use

Tank Capacity: 5200

Date Installed: 01/01/1982

Substance: Gasoline

Reported Release: Yes

Close Type: Closed

Date Removed: 09/01/1990

Close Type: 09/01/1990

Tank Material: Asphalt Coated or Bare Steel

2nd Containmnt:NoneTank Lead Detection:N/AOverfill Protection:NoSpill Prevention:No

#### Pipe:

 Tank No:
 1

 Tank Id:
 5198

 Pipe Id:
 1

Pipe Status: Permanently Out of Use

Type Of Closure: Closed Closed

Pipe Material Of Construction: Bare/Galvanized Steel

Secondary Pipe Material:

Piping Type:

Pressurized

Pipe Leak Detection:

Not Listed

### CIRCLE K #9806, 586 EAST COMMERCE, HERNANDO, MS 38632 (Continued)

#### Tank:

 Tank No:
 2

 Tank ID:
 5199

Tank Status: Permanently Out of Use

Tank Capacity: 5200
Date Installed: 01/01/1982
Substance: Gasoline
Reported Release: Yes
Close Type: Closed
Date Removed: 09/01/1990
Close Type: 09/01/1990

Tank Material: Asphalt Coated or Bare Steel

2nd Containmnt:NoneTank Lead Detection:N/AOverfill Protection:NoSpill Prevention:No

### Pipe:

 Tank No:
 2

 Tank Id:
 5199

 Pipe Id:
 2

Pipe Status: Permanently Out of Use

Type Of Closure: Closed Closed

Pipe Material Of Construction: Bare/Galvanized Steel

Secondary Pipe Material:

Piping Type:

Pressurized

Pipe Leak Detection:

Not Listed

### Tank:

Tank No: 3
Tank ID: 5200

Tank Status: Permanently Out of Use

Tank Capacity: 6000
Date Installed: 01/01/1982
Substance: Gasoline
Reported Release: Yes
Close Type: Closed
Date Removed: 09/01/1990
Close Type: 09/01/1990

Tank Material: Asphalt Coated or Bare Steel

2nd Containmnt:NoneTank Lead Detection:N/AOverfill Protection:NoSpill Prevention:No

Pipe:

Tank No: 3

### CIRCLE K #9806, 586 EAST COMMERCE, HERNANDO, MS 38632 (Continued)

 Tank Id:
 5200

 Pipe Id:
 3

Pipe Status: Permanently Out of Use

Type Of Closure: Closed Closed

Pipe Material Of Construction: Bare/Galvanized Steel

Secondary Pipe Material:

Piping Type:

Pressurized

Pipe Leak Detection:

Not Listed

#### Tank:

Tank No: 4
Tank ID: 5201

Tank Status: Permanently Out of Use

 Tank Capacity:
 8000

 Date Installed:
 01/01/1982

 Substance:
 Gasoline

 Reported Release:
 Yes

 Close Type:
 Closed

 Date Removed:
 09/01/1990

 Close Type:
 09/01/1990

Tank Material: Asphalt Coated or Bare Steel

2nd Containmnt:NoneTank Lead Detection:N/AOverfill Protection:NoSpill Prevention:No

### Pipe:

 Tank No:
 4

 Tank Id:
 5201

 Pipe Id:
 4

Pipe Status: Permanently Out of Use

Type Of Closure: Closed Closed

Pipe Material Of Construction: Bare/Galvanized Steel

Secondary Pipe Material:

Piping Type:

Pressurized

Pipe Leak Detection:

Not Listed

# Tank:

Tank No: 5 Tank ID: 5202

Tank Status: Currently In Use

Tank Capacity: 12000
Date Installed: 11/01/1990
Substance: Gasoline
Reported Release: Yes

Close Type: Not Reported
Date Removed: Not Reported

### CIRCLE K #9806, 586 EAST COMMERCE, HERNANDO, MS 38632 (Continued)

Close Type: Not Reported
Tank Material: Epoxy Coated Steel
2nd Containmnt: Cathodically Protected

Tank Lead Detection: Statistical Inventory Reconciliation(SIR)

Overfill Protection: Yes Spill Prevention: Yes

Pipe:

 Tank No:
 5

 Tank Id:
 5202

 Pipe Id:
 5

Pipe Status: Currently In Use Type Of Closure: Not Reported

Pipe Material Of Construction: Fiberglass Reinforced Plastic

Secondary Pipe Material: None

Piping Type: Pressurized

Pipe Leak Detection: Line Tightness Testing

#### Tank:

Tank No: 6 Tank ID: 5203

Tank Status: Currently In Use

Tank Capacity: 12000
Date Installed: 11/01/1990
Substance: Gasoline
Reported Release: Yes

Close Type: Not Reported
Date Removed: Not Reported
Close Type: Not Reported
Tank Material: Epoxy Coated Steel
2nd Containmnt: Cathodically Protected

Tank Lead Detection: Statistical Inventory Reconciliation(SIR)

Overfill Protection: Yes
Spill Prevention: Yes

Pipe:

 Tank No:
 6

 Tank Id:
 5203

 Pipe Id:
 6

Pipe Status: Currently In Use Type Of Closure: Not Reported

Pipe Material Of Construction: Fiberglass Reinforced Plastic

Secondary Pipe Material: None

Piping Type: Pressurized

Pipe Leak Detection: Line Tightness Testing

### Tank:

### CIRCLE K #9806, 586 EAST COMMERCE, HERNANDO, MS 38632 (Continued)

Tank No: 7
Tank ID: 5204

Tank Status: Currently In Use

Tank Capacity: 12000
Date Installed: 11/01/1990
Substance: Diesel
Reported Release: Yes

Close Type: Not Reported
Date Removed: Not Reported
Close Type: Not Reported
Tank Material: Epoxy Coated Steel
2nd Containmnt: Cathodically Protected

Tank Lead Detection: Statistical Inventory Reconciliation(SIR)

Overfill Protection: Yes Spill Prevention: Yes

#### Pipe:

 Tank No:
 7

 Tank Id:
 5204

 Pipe Id:
 7

Pipe Status: Currently In Use Type Of Closure: Not Reported

Pipe Material Of Construction: Fiberglass Reinforced Plastic

Secondary Pipe Material: None
Piping Type: Pressurized

Pipe Leak Detection: Line Tightness Testing

### : State and tribal leaking storage tank LUST

lists

Facility Id: 2264
Facility Satus: Active
Lust Status: Closed
AIID: 1463
Event #: 1

Project Manager: Sharon Vinson
Date Of Report: 07/23/1990
Trust Fund Status: NTFE
Confirmed On: 07/23/1990
NFA Date: 01/24/1991

 Facility Id:
 2264

 Facility Satus:
 Active

 Lust Status:
 Closed

 AIID:
 1463

 Event #:
 2

 Project Manager:
 Mark Taylor

 Date Of Report:
 10/30/1992

 Trust Fund Status:
 STFS

 Confirmed On:
 10/30/1992

 NFA Date:
 04/21/2003

# CIRCLE K #9806, 586 EAST COMMERCE, HERNANDO, MS 38632 (Continued)

# RGA LUST: Exclusive Recovered Govt. Archives

2012	CIRCLE K #9806	586 EAST COMMERCE
2011	CIRCLE K #9806	586 EAST COMMERCE
2010	CIRCLE K #9806	586 EAST COMMERCE
2009	CIRCLE # 9806	586 EAST COMMERCE
2008	CIRCLE # 9806	586 EAST COMMERCE
2007	CIRCLE # 9806	586 EAST COMMERCE
2006	SHELL #142754	586 EAST COMMERCE
2005	SHELL #142754	586 EAST COMMERCE
2004	SHELL #142754	586 EAST COMMERCE
2003	SHELL #142754	586 EAST COMMERCE
2002	SHELL #142754	586 EAST COMMERCE
2001	SHELL #142754	586 EAST COMMERCE

To maintain currency of the following databases, EDR contacts the appropriate agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

#### STANDARD ENVIRONMENTAL RECORDS

PRP: Potentially Responsible Parties

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013 Source: EPA

Number of Days to Update: 72 Telephone: 202-564-6023

Last EDR Contact :01/02/2014

RMP: Risk Management Plans

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/01/2013 Source: Environmental Protection Agency

Number of Days to Update: 63 Telephone: 202-564-8600

Last EDR Contact :01/27/2014

AIRS: Air Quality Information Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Air emissions information.

Date of Government Version: 12/31/2011 Source: Department of Environmental Quality

Number of Days to Update: 22 Telephone: 601-961-5276

Last EDR Contact :02/24/2014

**ASBESTOS**: Asbestos Project Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of Air Division Asbestos Branch projects.

Date of Government Version: 12/21/2013 Source: Department of Environmental Quality

Number of Days to Update: 59 Telephone: 601-961-5611

Last EDR Contact :12/21/2014

**AST**: Aboveground Storage Tanks

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

Aboveground storage tanks regulated by the Department of Agriculture & Commerce. The tanks contents will be gasoline,

diesel, racing fuel or kerosene.

Date of Government Version: 12/18/2013 Source: Department of Agriculture & Commerce

Number of Days to Update: 54 Telephone: 601-359-1101

Last EDR Contact :02/24/2014

**BROWNFIELDS**: Uncontrolled Sites List

Standard Environmental Record Source: State and tribal Brownfields sites

Search Distance: 0.333 Mile

A listing of sites from the Uncontrolled Sites List that are currently in the Mississippi Brownfields Program (which means that they are pursuing liability protection and paying for MDEQ oversight costs).

Date of Government Version: 11/25/2013 Source: Department of Environmental Quality

Number of Days to Update: 41 Telephone: 601-961-5666

Last EDR Contact :12/31/2013

**DEBRIS**: Debris Site Locations Listing

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Search Distance: 0.333 Mile

A listing of Hurricane Katrina debris disposal site locations. Not all of these sites were approved or utilized. Please note that the list includes a number of different types of sites including vegetative debris burn, chip, staging and disposal sites as well as structural debris staging and disposal sites.

Date of Government Version: 06/17/2008 Source: Department of Environmental Quality

Number of Days to Update: 44 Telephone: 601-961-5726

Last EDR Contact :02/24/2014

**DRYCLEANERS**: Drycleaner Facilities Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.25 Mile

A listing of drycleaner facilities.

Date of Government Version: 06/08/2009 Source: Department of Environmental Quality

Number of Days to Update: 23 Telephone: 601-961-5670

Last EDR Contact :02/14/2014

**ENG CONTROLS**: Sites with Engineering Controls

Standard Environmental Record Source: State and tribal institutional control / engineering control registries

Search Distance: Property

Sites included on the CERCLA/Uncontrolled Sites File List that have Engineering Controls. Engineering Controls encompass a variety of engineered remedies to contain and/or reduce contamination, and/or physical barriers intended to limit access to property. ECs include fences, signs, guards, landfill caps, provision of potable water, slurry walls, sheet pile (vertical caps),

pumping and treatment of groundwater, monitoring wells, and vapor extraction systems

Date of Government Version: 11/25/2013 Source: Department of Environmental Quality

Number of Days to Update: 41 Telephone: 601-961-5666

Last EDR Contact :12/31/2013

INST CONTROL: Sites with Institutional Controls

Standard Environmental Record Source: State and tribal institutional control / engineering control registries

Search Distance: Property

Sites included on the CERCLA/Uncontrolled Sites File List that have Institutional Controls. Institutional Controls are nonengineered instruments, such as administrative and/or legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of a remedy by limiting land or resource use

Date of Government Version: 11/25/2013 Source: Department of Environmental Quality

Telephone: 601-961-5666 Number of Days to Update: 41

Last EDR Contact :12/31/2013

LUST: Leaking Underground Storage Tank Database

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 12/30/2013 Source: Department of Environmental Quality

Number of Days to Update: 41 Telephone: 601-961-5058

Last EDR Contact :12/31/2013

NPDES: Industrial & Municipal NPDES Facilities

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property Water discharge permit data.

Date of Government Version: 11/28/2013 Source: Department of Environmental Quality

Number of Days to Update: 19 Telephone: 601-961-5666

Last EDR Contact :02/14/2014

PERMITS: Environmental Site Information System Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The purpose of this system is to support the permitting and compliance activities of the Office of Pollution Control. Regulatory programs that are supported by this database are the Surface Water National Pollutant Discharge Elimination System (NPDES) Program; the Air Title V, Construction and Operating Programs; and the Solid and Hazardous Waste Programs.

Date of Government Version: 11/28/2013 Source: The Office of Pollution Control

Number of Days to Update: 19 Telephone: 601-961-5670

Last EDR Contact :02/14/2014

SHWS: CERCLA/Uncontrolled Sites File List

Standard Environmental Record Source: State and tribal - equivalent CERCLIS

Search Distance: 0.333 Mile

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 11/25/2013 Source: Department of Environmental Quality

Number of Days to Update: 41 Telephone: 601-961-5666

Last EDR Contact :12/31/2013

SWF/LF: Solid Waste Landfills

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Search Distance: 0.333 Mile

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/01/2013 Source: Department of Environmental Quality

Number of Days to Update: 64 Telephone: 601-961-5082

Last EDR Contact :02/28/2014

SWRCY: Mississippi Recycling Directory

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Search Distance: 0.333 Mile

A listing of recycling facilities.

Date of Government Version: 12/31/2012 Source: Department of Environmental Quality

Number of Days to Update: 25 Telephone: 601-961-5005

Last EDR Contact :02/28/2014

**SWTIRE**: Commercial Waste Tire Haulers

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Search Distance: 0.333 Mile

A listing of commercial waste tire haulers.

Date of Government Version: 11/14/2013 Source: Department of Environmental Quality

Number of Days to Update: 57 Telephone: 601-961-5726

Last EDR Contact :02/10/2014

UIC: UIC Information

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of underground injection cotrol wells.

Date of Government Version: 12/16/2013 Source: State Oil & Gas Board Number of Days to Update: 44 Telephone: 601-576-4923

Last EDR Contact :12/18/2013

**UST**: Underground Storage Tanks

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 12/30/2013 Source: Department of Environmental Quality

Number of Days to Update: 31 Telephone: 601-961-5058

Last EDR Contact :12/31/2013

VCP: Voluntary Evaluation Program Sites

Standard Environmental Record Source: State and tribal voluntary cleanup sites

Search Distance: 0.333 Mile

The Voluntary Evaluation Program allows accepted parties the opportunity to participate in a program that will expedite the evaluation of the site information.

Date of Government Version: 11/25/2013 Source: Department of Environmental Quality

Number of Days to Update: 41 Telephone: 601-961-5063

Last EDR Contact :12/31/2013

2020 COR ACTION: 2020 Corrective Action Program List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.25 Mile

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011 Source: Environmental Protection Agency

Number of Days to Update: 7 Telephone: 703-308-4044

Last EDR Contact :02/14/2014

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Standard Environmental Record Source: Federal CERCLIS

Search Distance: 0.333 Mile

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013 Source: EPA

Number of Days to Update: 94 Telephone: 703-412-9810

Last EDR Contact :02/28/2014

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013 Source: EPA

Number of Days to Update: 94 Telephone: 703-412-9810

Last EDR Contact :02/28/2014

COAL ASH DOE: Sleam-Electric Plan Operation Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Source: Department of Energy Number of Days to Update: 76 Telephone: 202-586-8719

Last EDR Contact :01/13/2014

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010 Source: Environmental Protection Agency

Number of Days to Update: 77 Telephone: Not Reported

Last EDR Contact :12/13/2013

**CONSENT**: Superfund (CERCLA) Consent Decrees Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013 Source: Department of Justice, Consent Decree Library

Number of Days to Update: 31 Telephone: Varies

Last EDR Contact :12/26/2013

**CORRACTS**: Corrective Action Report

Standard Environmental Record Source: Federal RCRA CORRACTS facilities list

Search Distance: 0.333 Mile

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/10/2013 Source: EPA

Number of Days to Update: 75 Telephone: 800-424-9346

Last EDR Contact :01/02/2014

**DEBRIS REGION 9**: Torres Martinez Reservation Illegal Dump Site Locations

Standard Environmental Record Source: State and tribal landfill / solid waste disposal

Search Distance: 0.333 Mile

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009 Source: EPA, Region 9

Number of Days to Update: 137 Telephone: 415-947-4219

Last EDR Contact :01/27/2014

**DELISTED NPL**: National Priority List Deletions

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/25/2013 Source: EPA

Number of Days to Update: 78 Telephone: Not Reported

Last EDR Contact :01/09/2014

DOT OPS: Incident and Accident Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012 Source: Department of Transporation, Office of Pipeline Safety

Number of Days to Update: 42 Telephone: 202-366-4595

Last EDR Contact :02/06/2014

**EPA WATCH LIST: EPA WATCH LIST** 

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 06/30/2013 Source: Environmental Protection Agency

Number of Days to Update: 31 Telephone: 617-520-3000

Last EDR Contact :02/10/2014

ERNS: Emergency Response Notification System

Standard Environmental Record Source: Federal ERNS list

Search Distance: Property

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous

substances.

Date of Government Version: 09/30/2013 Source: National Response Center, United States Coast Guard

Number of Days to Update: 66 Telephone: 202-267-2180

Last EDR Contact :02/07/2014

FEMA UST: Underground Storage Tank Listing

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010 Source: FEMA

Number of Days to Update: 55 Telephone: 202-646-5797

Last EDR Contact :01/13/2014

FINDS: Facility Index System/Facility Registry System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 03/08/2013 Source: EPA

Number of Days to Update: 111 Telephone: Not Reported

Last EDR Contact :12/10/2013

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009 Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Number of Days to Update: 25 Telephone: 202-566-1667

Last EDR Contact :02/24/2014

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances

Control Act)

Standard Environmental Record Source: Other Standard Environmental Records A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009 Source: EPA

Number of Days to Update: 25 Telephone: 202-566-1667

Last EDR Contact :02/24/2014

FUDS: Formerly Used Defense Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively

working or will take necessary cleanup actions.

Date of Government Version: 12/31/2011 Source: U.S. Army Corps of Engineers

Number of Days to Update: 15 Telephone: 202-528-4285

Last EDR Contact :02/28/2014

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Source: Environmental Protection Agency

Number of Days to Update: 40 Telephone: 202-564-2501

Last EDR Contact :12/17/2007

HMIRS: Hazardous Materials Information Reporting System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2013 Source: U.S. Department of Transportation

Number of Days to Update: 52 Telephone: 202-366-4555

Last EDR Contact :01/03/2014

ICIS: Integrated Compliance Information System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011 Source: Environmental Protection Agency

Number of Days to Update: 61 Telephone: 202-564-5088

Last EDR Contact :10/09/2014

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

Search Distance: 0.333 Mile

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013 Source: EPA Region 1

Number of Days to Update: 184 Telephone: 617-918-1313

Last EDR Contact :01/30/2014

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/06/2013 Source: EPA Region 10

Number of Days to Update: 29 Telephone: 206-553-2857

Last EDR Contact :01/27/2014

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/21/2013 Source: EPA Region 4
Number of Days to Update: 90 Telephone: 404-562-8677

Last EDR Contact :01/27/2014

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/13/2014 Source: EPA, Region 5

Number of Days to Update: 10 Telephone: 312-886-7439

Last EDR Contact :01/27/2014

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011 Source: EPA Region 6
Number of Days to Update: 59 Telephone: 214-665-6597

Last EDR Contact :02/21/2014

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/27/2013 Source: EPA Region 7

Number of Days to Update: 66 Telephone: 913-551-7003

Last EDR Contact :01/27/2014

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012 Source: EPA Region 8

Number of Days to Update: 49 Telephone: 303-312-6271

Last EDR Contact :01/27/2014

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013 Source: Environmental Protection Agency

Number of Days to Update: 42 Telephone: 415-972-3372

Last EDR Contact :01/27/2014

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998 Source: Environmental Protection Agency

Number of Days to Update: 52 Telephone: 703-308-8245

Last EDR Contact :11/04/2013

INDIAN UST R1: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013 Source: EPA, Region 1

Number of Days to Update: 271 Telephone: 617-918-1313

Last EDR Contact :01/30/2014

INDIAN UST R10: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013 Source: EPA Region 10

Number of Days to Update: 65 Telephone: 206-553-2857

Last EDR Contact :01/27/2014

INDIAN UST R4: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/21/2013 Source: EPA Region 4
Number of Days to Update: 90 Telephone: 404-562-9424

Last EDR Contact :01/27/2014

#### INDIAN UST R5: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/13/2014 Source: EPA Region 5
Number of Days to Update: 10 Telephone: 312-886-6136

Last EDR Contact :01/27/2014

#### INDIAN UST R6: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011 Source: EPA Region 6
Number of Days to Update: 34 Telephone: 214-665-7591

Last EDR Contact :01/27/2014

#### INDIAN UST R7: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 12/31/2012 Source: EPA Region 7

Number of Days to Update: 43 Telephone: 913-551-7003

Last EDR Contact :01/27/2014

### INDIAN UST R8: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 07/29/2013 Source: EPA Region 8

Number of Days to Update: 92 Telephone: 303-312-6137

Last EDR Contact :01/27/2014

### INDIAN UST R9: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 07/29/2013 Source: EPA Region 9
Number of Days to Update: 129 Telephone: 415-972-3368

Last EDR Contact :01/27/2014

#### INDIAN VCP R1: Voluntary Cleanup Priority Listing

Standard Environmental Record Source: State and tribal voluntary cleanup sites

Search Distance: 0.333 Mile

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/17/2013 Source: EPA, Region 1 Number of Days to Update: 66 Telephone: 617-918-1102

Last EDR Contact: 01/03/2014

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

Standard Environmental Record Source: State and tribal voluntary cleanup sites A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Source: EPA, Region 7 Number of Days to Update: 27 Telephone: 913-551-7365

Last EDR Contact :04/20/2009

**LEAD SMELTER 1**: Lead Smelter Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013 Source: Environmental Protection Agency

Number of Days to Update: 13 Telephone: 703-603-8787

Last EDR Contact :01/03/2014

**LEAD SMELTER 2**: Lead Smelter Sites

Standard Environmental Record Source: Other Standard Environmental Records

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001 Source: American Journal of Public Health

Number of Days to Update: 36 Telephone: 703-305-6451

Last EDR Contact :12/02/2009

LIENS 2: CERCLA Lien Information

Standard Environmental Record Source: Federal CERCLIS

Search Distance: Property

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/06/2013 Source: Environmental Protection Agency

Number of Days to Update: 15 Telephone: 202-564-6023

Last EDR Contact :01/27/2014

**LUCIS**: Land Use Control Information System

Standard Environmental Record Source: Federal institutional controls / engineering controls registries

Search Distance: 0.333 Mile

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure

properties.

Date of Government Version: 11/20/2013 Source: Department of the Navy Number of Days to Update: 95 Telephone: 843-820-7326

Last EDR Contact :02/14/2014

MLTS: Material Licensing Tracking System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013 Source: Nuclear Regulatory Commission

Number of Days to Update: 91 Telephone: 301-415-7169

Last EDR Contact :12/09/2013

NPL: National Priority List

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/25/2013 Source: EPA

Number of Days to Update: 78 Telephone: Not Reported

Last EDR Contact :01/21/2014

#### **NPL Site Boundaries**

Sources:

EPA"s Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-566-0690

**EPA Region 1** 

Telephone: 617-918-1102

EPA Region 2

Telephone: 212-637-4293

EPA Region 3

Telephone: 215-814-5418

EPA Region 4

Telephone: 404-562-8681

EPA Region 5

Telephone: 312-353-1063

EPA Region 6

Telephone: 214-655-6659

EPA Region 7

Telephone: 913-551-7247

**EPA Region 8** 

Telephone: 303-312-6118

EPA Region 9

Telephone: 415-947-4579

EPA Region 10

Telephone: 206-553-4479

NPL LIENS: Federal Superfund Liens

Standard Environmental Record Source: Federal NPL

Search Distance: Property

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPÁ compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991 Source: EPA

Number of Days to Update: 56 Telephone: 202-564-4267

Last EDR Contact :08/15/2011

**ODI**: Open Dump Inventory

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D

Criteria.

Date of Government Version: 06/30/1985 Source: Environmental Protection Agency

Telephone: 800-424-9346 Number of Days to Update: 39

Last EDR Contact:06/09/2004

PADS: PCB Activity Database System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013 Source: EPA

Number of Days to Update: 107 Telephone: 202-566-0500

Last EDR Contact :01/28/2014

PCB TRANSFORMER: PCB Transformer Registration Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011 Source: Environmental Protection Agency

Number of Days to Update: 83 Telephone: 202-566-0517

Last EDR Contact :01/30/2014

Proposed NPL: Proposed National Priority List Sites

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that

continue to meet therequirements for listing.

Date of Government Version: 10/25/2013 Source: EPA

Number of Days to Update: 78 Telephone: Not Reported

Last EDR Contact :01/09/2014

**RAATS:** RCRA Administrative Action Tracking System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Source: FPA

Number of Days to Update: 35 Telephone: 202-564-4104

Last EDR Contact :06/02/2008

**RADINFO:** Radiation Information Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 09/30/2013 Source: Environmental Protection Agency

Number of Days to Update: 23 Telephone: 202-343-9775

Last EDR Contact :01/10/2014

RCRA NonGen / NI R: RCRA - Non Generators

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/10/2013 Source: Environmental Protection Agency

Number of Days to Update: 75 Telephone: 703-308-8895

Last EDR Contact :01/02/2014

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators Standard Environmental Record Source: Federal RCRA generators list

Search Distance: Property

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/10/2013 Source: Environmental Protection Agency

Number of Days to Update: 75 Telephone: 703-308-8895

Last EDR Contact :01/02/2014

RCRA-LQG: RCRA - Large Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list

Search Distance: Property

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/10/2013 Source: Environmental Protection Agency

Number of Days to Update: 75 Telephone: 703-308-8895

Last EDR Contact :01/02/2014

RCRA-SQG: RCRA - Small Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list

Search Distance: Property

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/10/2013 Source: Environmental Protection Agency

Number of Days to Update: 75 Telephone: 703-308-8895

Last EDR Contact :01/02/2014

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

Standard Environmental Record Source: Federal RCRA TSD facilities list

Search Distance: 0.333 Mile

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the

Date of Government Version: 09/10/2013 Source: Environmental Protection Agency

Number of Days to Update: 75 Telephone: 703-308-8895

Last EDR Contact :01/02/2014

ROD: Records Of Decision

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and

health information to aid in the cleanup.

Date of Government Version: 11/25/2013 Source: EPA

Number of Days to Update: 74 Telephone: 703-416-0223

Last EDR Contact :12/12/2013

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011 Source: Environmental Protection Agency

Number of Days to Update: 54 Telephone: 615-532-8599

Last EDR Contact :01/20/2014

SSTS: Section 7 Tracking Systems

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009 Source: EPA

Number of Days to Update: 77 Telephone: 202-564-4203

Last EDR Contact :01/28/2014

TRIS: Toxic Chemical Release Inventory System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable

quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011 Source: EPA

Number of Days to Update: 44 Telephone: 202-566-0250

Last EDR Contact :02/26/2014

TSCA: Toxic Substances Control Act

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA

Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006 Source: EPA

Number of Days to Update: 64 Telephone: 202-260-5521

Last EDR Contact :12/26/2013

**UMTRA**: Uranium Mill Tailings Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010 Source: Department of Energy Number of Days to Update: 146 Telephone: 505-845-0011

Last EDR Contact :02/25/2014

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013 Source: EPA

Number of Days to Update: 30 Telephone: 202-564-5962

Last EDR Contact :12/26/2013

US AIRS MINOR: Air Facility System Data

Standard Environmental Record Source: Other Standard Environmental Records

A listing of minor source facilities.

Date of Government Version: 10/23/2013 Source: EPA

Number of Days to Update: 30 Telephone: 202-564-5962

Last EDR Contact :12/26/2013

US BROWNFIELDS: A Listing of Brownfields Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/24/2013 Source: Environmental Protection Agency

Number of Days to Update: 73 Telephone: 202-566-2777

Last EDR Contact :02/25/2014

US CDL: Clandestine Drug Labs

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/04/2013 Source: Drug Enforcement Administration

Number of Days to Update: 65 Telephone: 202-307-1000

Last EDR Contact:03/04/2014

**US ENG CONTROLS**: Engineering Controls Sites List

Standard Environmental Record Source: Federal institutional controls / engineering controls registries

Search Distance: Property

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/17/2013 Source: Environmental Protection Agency

Number of Days to Update: 14 Telephone: 703-603-0695

Last EDR Contact :12/09/2013

US FIN ASSUR: Financial Assurance Information

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 11/20/2013 Source: Environmental Protection Agency

Number of Days to Update: 72 Telephone: 202-566-1917

Last EDR Contact :02/14/2014

US HIST CDL: National Clandestine Laboratory Register

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007 Source: Drug Enforcement Administration

Number of Days to Update: 131 Telephone: 202-307-1000

Last EDR Contact :03/23/2009

US INST CONTROL: Sites with Institutional Controls

Standard Environmental Record Source: Federal institutional controls / engineering controls registries

Search Distance: Property

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/17/2013 Source: Environmental Protection Agency

Number of Days to Update: 14 Telephone: 703-603-0695

Last EDR Contact :12/09/2013

**US MINES**: Mines Master Index File

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation

information.

Date of Government Version: 08/01/2013 Source: Department of Labor, Mine Safety and Health

Administration

Number of Days to Update: 28 Telephone: 303-231-5959

Last EDR Contact:03/05/2014

DOD: Department of Defense Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Source: USGS

Number of Days to Update: 62 Telephone: 888-275-8747

Last EDR Contact :01/15/2014

INDIAN RESERV: Indian Reservations

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005 Source: USGS

Number of Days to Update: 34 Telephone: 202-208-3710

Last EDR Contact :01/15/2014

PWS: Public Water System Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

This Safe Drinking Water Information System (SDWIS) file contains public water systems name and address, population served and the primary source of water

Date of Government Version: 04/12/2007 Source: EPA

Number of Days to Update: N/A Last EDR Contact :12/09/2013

Telephone: Not Reported

#### HISTORICAL USE RECORDS

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Mississippi.

Date of Government Version: Not Reported Source: Department of Environmental Quality

Number of Days to Update: 191 Telephone: Not Reported

Last EDR Contact :06/01/2012

RGA LF: Recovered Government Archive Solid Waste Facilities List

Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Mississippi.

Date of Government Version: Not Reported Source: Department of Environmental Quality

Number of Days to Update: 203 Telephone: Not Reported

Last EDR Contact :06/01/2012

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Mississippi.

Date of Government Version: Not Reported Source: Department of Environmental Quality

Number of Days to Update: 186 Telephone: Not Reported

Last EDR Contact :06/01/2012

EDR MGP: EDR Proprietary Manufactured Gas Plants

Standard Environmental Record Source: Former manufactured Gas Plants

Search Distance: 0.333 Mile

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: 08/28/2009 Source: EDR, Inc.

Number of Days to Update: 55 Telephone: Not Reported

Last EDR Contact :11/30/2012

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations Standard Environmental Record Source: Historical Gas Stations

Search Distance: 0.25 Mile

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: 02/20/2007 Source: EDR, Inc. Number of Days to Update: 42 Telephone: Not Reported

Last EDR Contact :02/21/2007

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners Standard Environmental Record Source: Historical Dry Cleaners

Search Distance: 0.25 Mile

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Telephone: Not Reported

Date of Government Version: 02/20/2007 Source: EDR, Inc.

Number of Days to Update: 42

Last EDR Contact :02/21/2007

#### **TOPOGRAPHIC INFORMATION**

### **USGS 7.5' Digital Elevation Model (DEM)**

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5' minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

#### HYDROGEOLOGIC INFORMATION

### **AQUIFLOW®** Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

#### **GEOLOGIC INFORMATION**

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services. The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

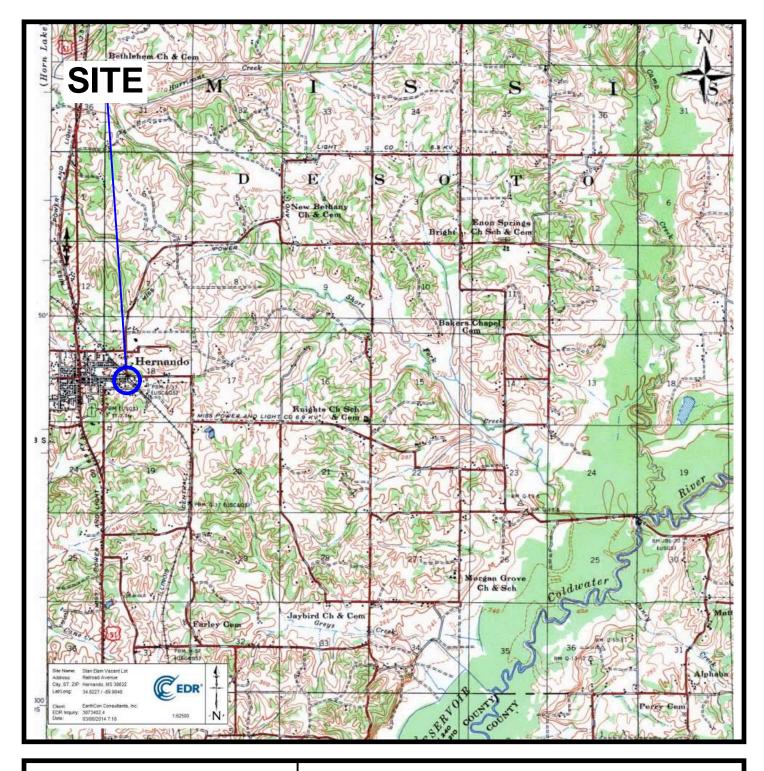
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

#### STREET AND ADDRESS INFORMATION

© 2006 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

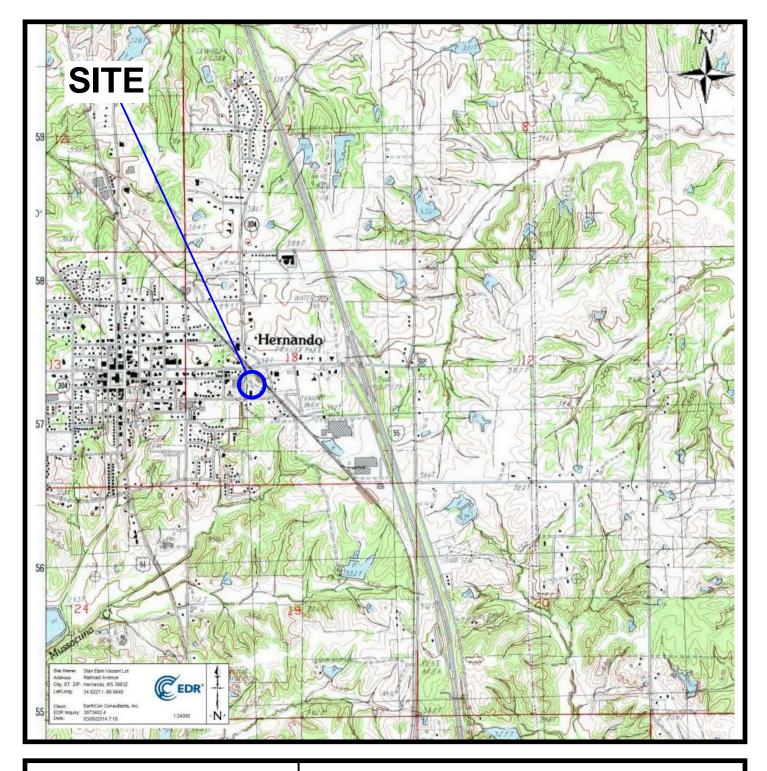




1944 Topographic Map
Stan Elam Vacant Lot Phase I ESA
Railroad Avenue
Hernando, MS

PREPARED FOR: City of Hernando, MS

PROJ. MGR: DATE: 03/20/2014





1982 Topographic Map
Stan Elam Vacant Lot Phase I ESA
Railroad Avenue
Hernando, MS

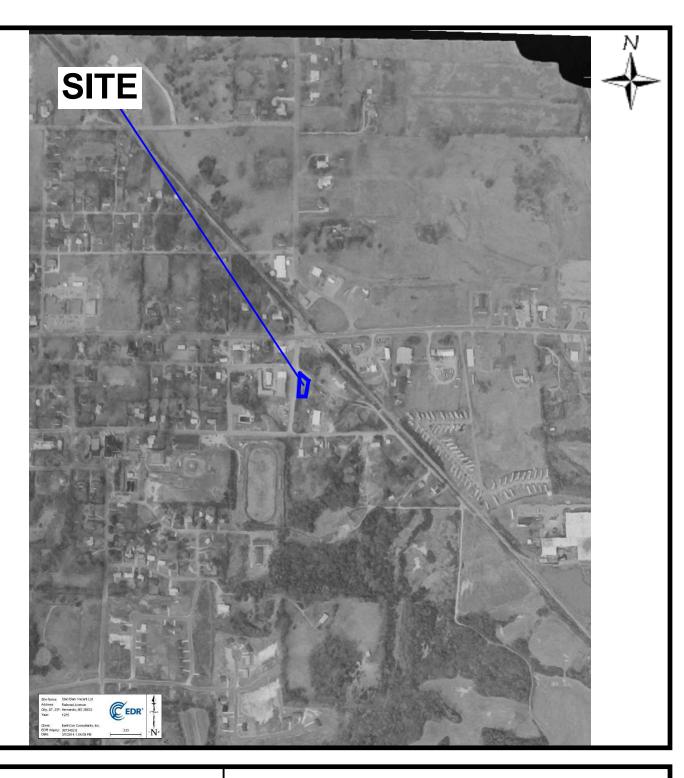
PREPARED FOR: City of Hernando, MS

PROJ. MGR:

DATE: 03/20/2014

**DRAWN BY: Chris Gillentine** 

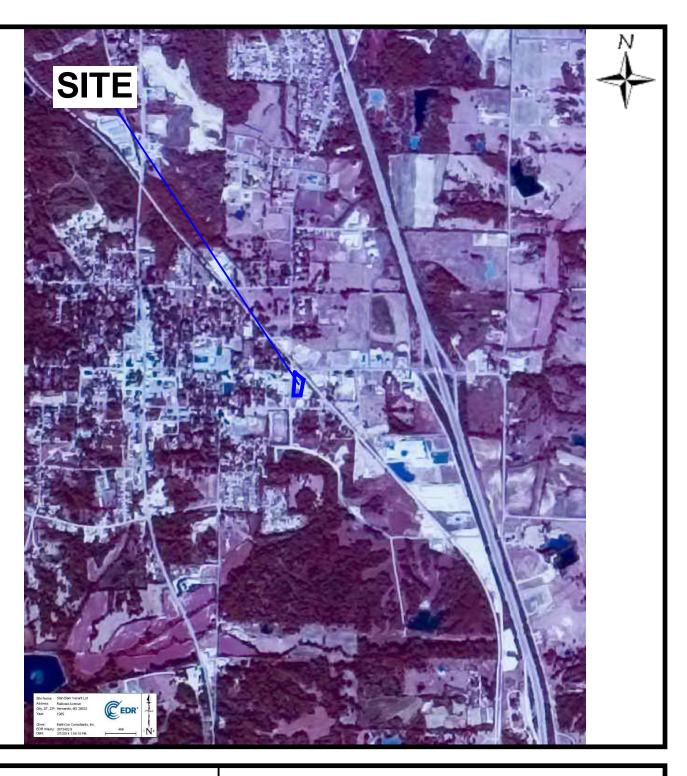
PROJ. #: 02.20130128.13





PREPARED FOR: City of Hernando, MS

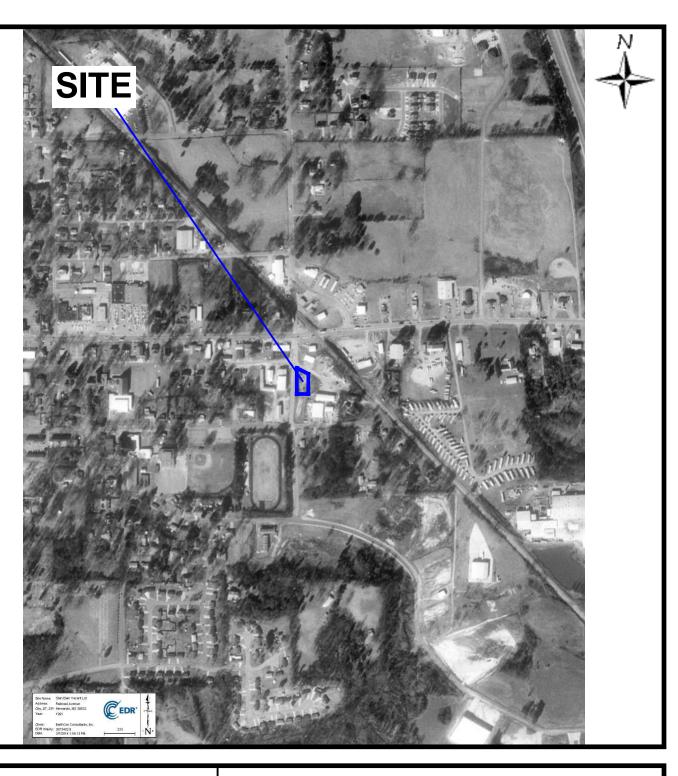
PROJ. MGR: DATE: 03/20/2014





PREPARED FOR: City of Hernando, MS

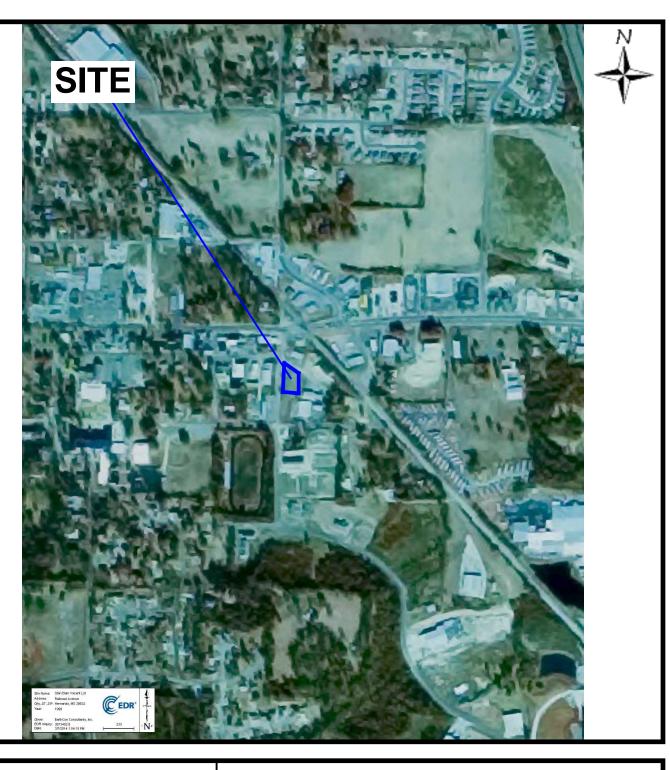
PROJ. MGR: DATE: 03/20/2014





PREPARED FOR: City of Hernando, MS

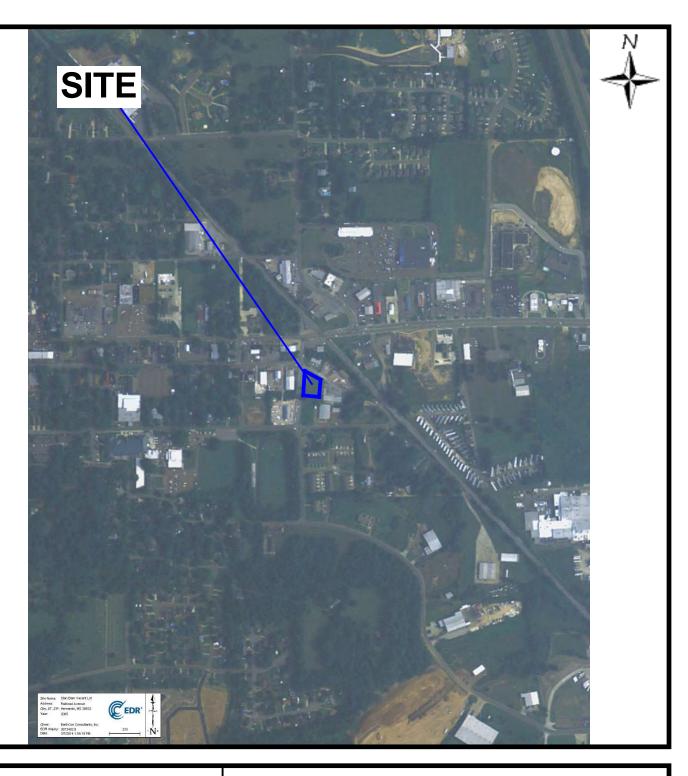
PROJ. MGR: DATE: 03/20/2014





PREPARED FOR: City of Hernando, MS

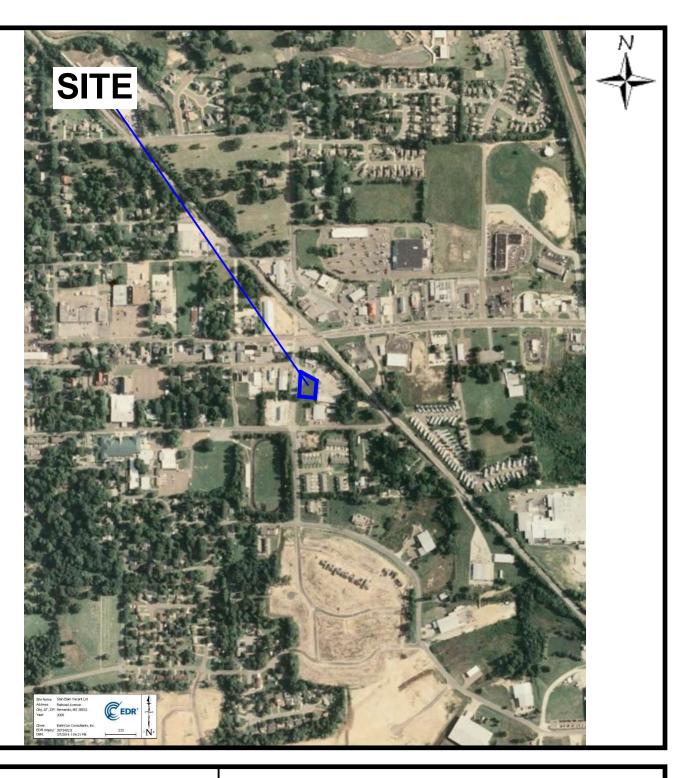
PROJ. MGR: DATE: 03/20/2014





PREPARED FOR: City of Hernando, MS

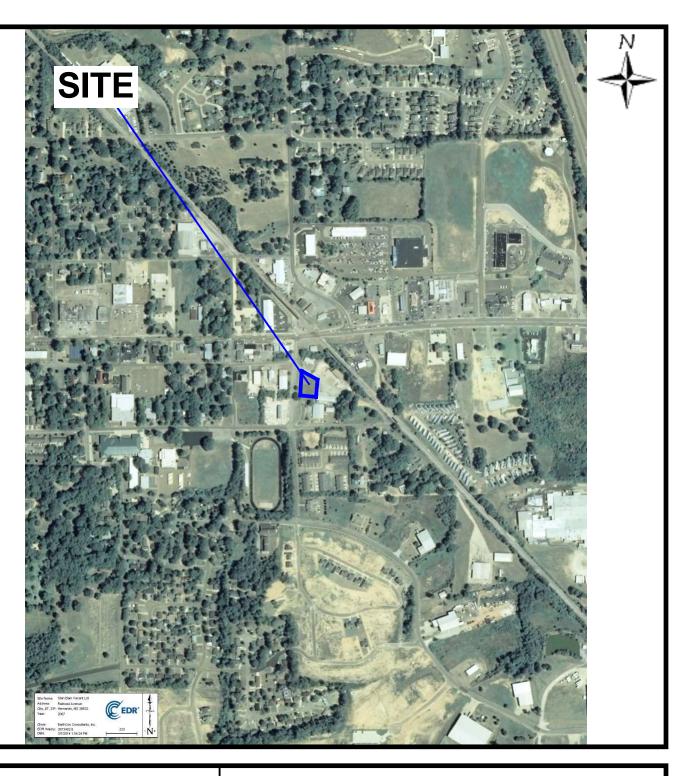
PROJ. MGR: DATE: 03/20/2014





PREPARED FOR: City of Hernando, MS

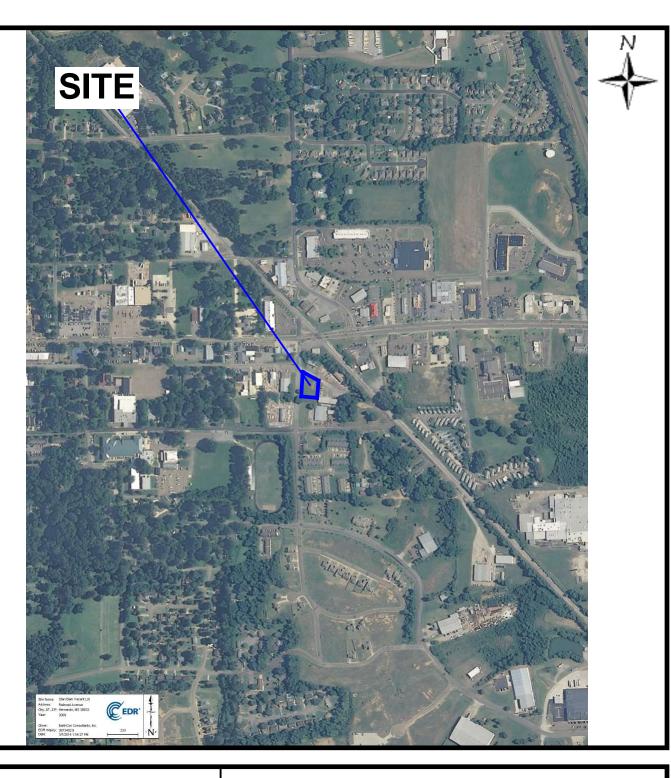
PROJ. MGR: DATE: 03/20/2014





PREPARED FOR: City of Hernando, MS

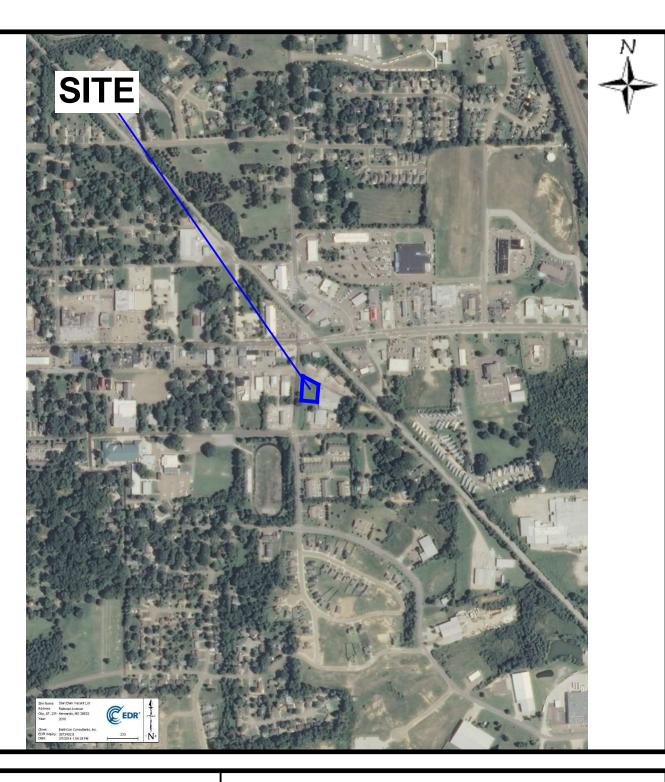
PROJ. MGR: DATE: 03/20/2014





PREPARED FOR: City of Hernando, MS

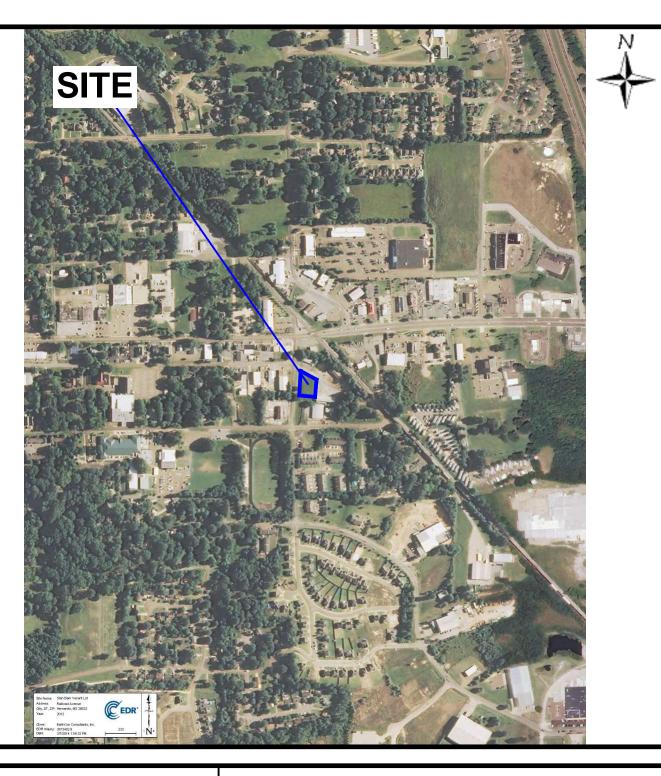
PROJ. MGR: DATE: 03/20/2014





PREPARED FOR: City of Hernando, MS

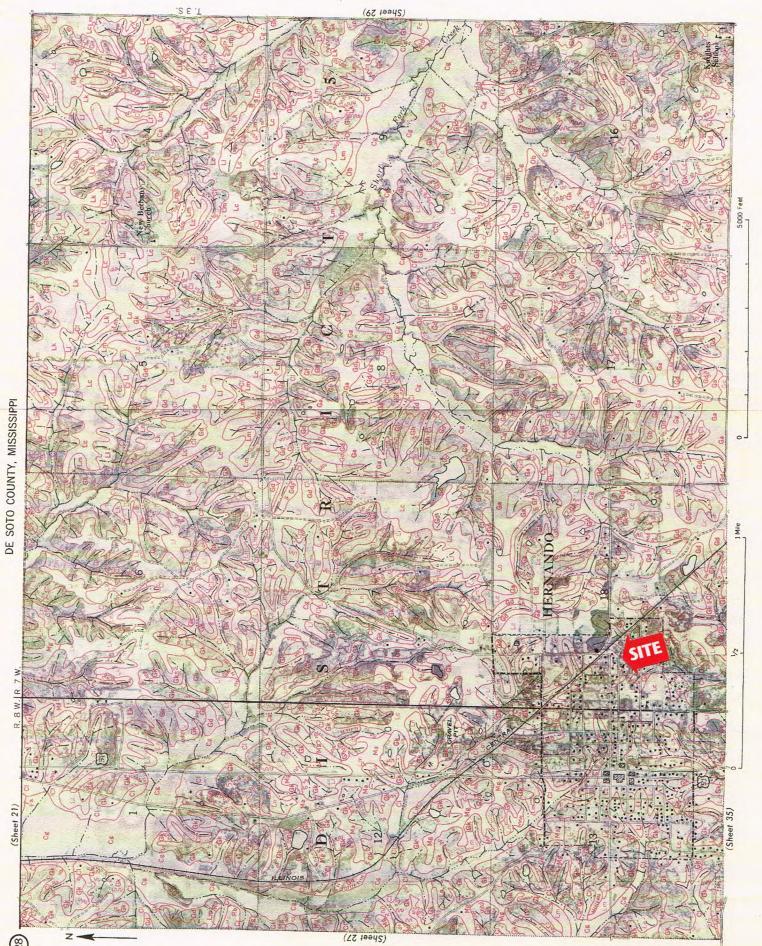
PROJ. MGR: DATE: 03/20/2014





PREPARED FOR: City of Hernando, MS

PROJ. MGR: DATE: 03/20/2014



# Appendix E: SITE PHOTOGRAPHS



Subject Site Looking South



Subject Site, Looking North



Subject Site Sewer Easement



Adjacent Property to the East-Desoto Co. Co-Op



Adjacent Property to the North-Desoto Co-Op Dry Fertilizer Storage



Desoto Co. Co-Op Storage Tank



Adjacent Property to the North-Desoto Glass



Adjacent Property to the South, Looking South



Adjacent Property to the Southeast



Adjacent Property to the West-Hernando Lumber Co. (2)



Adjacent Property to the West-Hernando Lumber Co.

# Appendix F: RESUMES/QUALIFICATIONS



# **Chris Gillentine**

Senior Geologist

# **PROFESSIONAL SUMMARY**

For more than 22 years, Mr. Gillentine has helped clients address water, wastewater, and solid and hazardous waste landfill permitting and assessment issues. His clientele includes wood preservation facilities; vinyl and rubber manufacturing facilities; petroleum and natural gas facilities and county and state transportation departments. His projects have included Environmental Permitting and Surveys, Site Assessments, Erosion Prevention and Sediment Control across the Southern US from El Paso, TX through South Carolina. During his consulting career, Mr. Gillentine has been a business co-owner, branch manager, project scientist and environmental geologist.

#### RELEVANT EXPERIENCE

**Environmental Permitting / Project Manager / Nuclear Fabrication Facility / New Hope, TN** 

Provided technical oversight and guidance allowing the client to reduce wait time on permitting approvals by 20%. Under an accelerated time schedule, prepared all permitting documents and worked closely with regulatory agencies on matters related to water quality impacts, wetlands, threaten and endangered species, and historical and cultural resources. Documents included the TDEC Aquatic Resource Alteration Permit (ARAP), the TDEC storm water construction permit (NOI) and Storm Water Pollution Prevention Plan (SWPPP), the join TVA/USACE Form 26A, and the TDEC air permit.

**Erosion Prevention & Sediment Control / Project Manager / State Government – DOT / TN** Mobilized and performed senior level site QA/QC to reduce reportable release events while client was under a consent agreement. Provided inspection oversight and internal QA/QC for EPSC inspectors.

Landfill Solid Waste Permitting / Project Manager / County Government / Florence, AL

Understood and developed a project strategy to gain approvals for new solid waste landfill expansion during a moratorium on new landfill permitting. Managed all environmental and solid waste permitting and monitoring of 130 acre C/D landfill facility. Helped develop expansion, cell design, and placement, monitoring programs and stormwater controls for the facility. Facility was issued the inaugural "BEST MUNICIPAL C/D LANDFILL" by the Alabama Department of Environmental Management for 2012 and is being considered for 2013.

Environmental Surveys / Project Manager / Mining - Sand & Gravel / Marion County, AL

Investigated, prepared and completed a site investigation to achieve environmental permitting for the client. Performed various environmental activities required for ADEM and MDEQ permitting for the installation of a 300 acre sand and gravel mining operation. Providing project management services for environmental and engineering services required for the installation of plant site and site water usage.

# Environmental Site Assessment / Project Manager Retail / / Opelika, AL

Developed and implemented groundwater monitoring activities. Performed a Phase II subsurface assessment on a service station facility in which free product was determined present. Performed



the ADEM UST Closure Assessment for facility and provided oversight and sampling for the remediation of groundwater, contaminated soils, and removal of free product. Monitoring activities are continuing under an ADEM approved CAP.

# Environmental Site Assessment / Manufacturing - Agri Business / Chattanooga, TN

Investigated and prepared a host of environmental reports to the client under an accelerated timeline to meet client's facility need. Performed Phase I ESA, asbestos and lead survey for 100 year old production facility located in the heart of Chattanooga's old industrial district. This facility was

# PROFESSIONAL QUALIFICATIONS Registrations / Training

- HAZWOPPER 40 Hour Trained
- HM-181 Trained
- Radiation Fundamentals and Radiation Safety Training
- Permit Confined Space
- Erosion Prevention and Sediment Control Level I and II
- AHERA/ASHARA Asbestos Inspector
- EPA Lead Inspector
- Registered Professional Geologist Tennessee #4786
- Company Leadership/Management

#### **EDUCATION**

**University of Alabama, Tuscaloosa, AL** B.S., Geology

# PROFESSIONAL ACTIVITIES

- Groundwater Guardian, Tuscumbia, Alabama Chapter, Board Member
- University of Alabama Alumni Association, Colbert County Chapter, Board Member



# Richard H. Crawford, P.E.

Principal Engineer

# PROFESSIONAL SUMMARY

For more than 13 years, Mr. Crawford has helped clients find optimal solutions for a wide range of environmental permitting and compliance issues related to air, solid waste, storm water discharge and wastewater. He has particular expertise in the preparation of permit applications for various companies in Mississippi, Alabama, Arkansas, Iowa, Tennessee and Texas. Mr. Crawford has prepared air permit applications for electric power generation, various oil and gas-related facilities and other industries in Mississippi, Tennessee and Texas. He also has extensive Phase I and Phase II ESA experience, groundwater and soil sampling and remediation, and industrial hygiene monitoring experience.

#### RELEVANT EXPERIENCE

Contamination Assessments / Project Manager / Public & Private / Midwest Successfully managed "portfolio-assessments" for MDEQ and private clients at more than 50 sites successfully from Phase I and Phase II through regulatory closure. Assessments typically involved soil and groundwater assessments of underground storage tank sites, commercial sites, or light industrial properties. Phase II Contamination Assessments were performed at the request of clients in order to evaluate potential liability associated with the acquisition of the potentially impacted property. Scope of work included soil borings, surface water sampling, and installation of groundwater monitoring wells, calculation of groundwater flow direction, conclusions and recommendations including remediation cost projections.

# Groundwater Monitoring – UST, Brownfield & Uncontrolled Sites / Project Manager / Industrial / AL, MS, TN, LA

Performed oversight of ongoing monitoring at various sites with petroleum and/or chlorinated solvent-contaminated groundwater for numerous facilities with soil and/or groundwater impacts.

# Tank Closure – UST Sites / Project Manager / Industrial / MS, TN

Performed oversight of underground storage tank closure and removal activities at various sites in Mississippi and Tennessee with petroleum contaminated groundwater.

Remediation, Leaking UST Sites / Project Manager/Senior Engineer / Industrial / MS, TN Participated in the oversight of monthly operation and maintenance activities, periodic sampling, monitoring activities, and compliance for several sites with free product recovery systems.

# Storm Water Regulatory Compliance / Sr. Engineer / Industrial /AL, LA, MS, TN, TX

Prepared Storm Water Pollution Prevention Plans for a variety of facilities, including construction sites, industrial sites, and petroleum storage/handling facilities. Mr. Crawford has conducted storm water inspections, conducted storm water sampling and prepared storm water reports for facilities in Mississippi, Alabama, Louisiana, Tennessee and Texas.



# Spill Prevention Control & Countermeasure Plans/ / Sr. Engineer/ Petroleum /Southeast Prepared numerous SPCC and FRP plans for oil and gas exploration facilities, storage facilities

and transportation facilities. In addition, conducted facility inspections, audits and prepared updates for facility modifications.

# Air Permitting / Consultant / Industrial & Private Sector / MS, AL, IA, LA, TN & TX

Worked with the Tennessee Department of Environment and Conservation and other companies to prepare draft Title V air permits for major sources. Reviewed company files, emissions testing reports, previous permits, facility inspection, and interviewed company personnel to obtain information regarding draft Title V permits. Also worked with industrial clients to prepare air permit applications, calculate air emissions rates and prepare permit limits with the various state regulatory agencies.

# **Industrial Compliance / Consultant / Industrial / Southeast**

Assisted several companies in preparing sampling plans, spill prevention and hazardous material handling plans, risk management plans, and preparing permit applications for air emissions, storm water discharge and waste water discharge permitting.

# **Industrial Hygiene Monitoring / Project Manager / Industrial Sector / Southeast**

Performed area, equipment, and personnel monitoring, documented industrial activity, and tabulated data for various industrial facilities in relation to employee exposure situations.

# PROFESSIONAL QUALIFICATIONS

# Registrations

Registered Professional Engineer

Alabama, 27633-E

Florida, 65025

Louisiana, 32718

Mississippi, 16552

Tennessee, 110101

### **EDUCATION**

The University of Mississippi, Oxford, Mississippi

B.S., Chemical Engineering, 1998

The University of Mississippi, Oxford, Mississippi

M.S., Environmental Engineering, 2010

# **PUBLICATIONS**

Multiphase Extraction Radius of Influence: Evaluation of Design and Operational Parameters; Richard Crawford, Cristiane Q. Surbeck, Steven B. Worley and H.Q. Parker Capps; Remediation, Volume 22, Number 4, Autumn 2012

Crawford, Richard



# Joseph B. McKinney, P.G.

Senior Consultant

# PROFESSIONAL SUMMARY

With 24 years consulting experience, Mr. McKinney's expertise focuses on supporting client business decisions and risk management through targeted investigation, remediation, and risk evaluation of commercial and industrial properties. His project experience includes investigation, remediation, and management of sites within the CERCLA, RCRA, UST, HSRA, and solid waste regulatory programs. He has directed a broad range of projects in the Eastern and Midwestern United States providing support to the transportation, pulp and paper, mining, real estate and financial services sectors.

#### RELEVANT EXPERIENCE

# Site Management Program / Project Manager / Pulp & Paper / LA

During the course of a facility portfolio review, identified opportunities for savings in the State's hazardous waste tax code that helped the client recover more than \$8,000 in taxes that were mistakenly assessed and overlooked by another consultant. In addition, implemented steps to help the client receive additional future tax reductions, estimated at an average annual savings of \$5,000 to \$10,000 over the course of the following five years. The taxes stemmed from the generation of 200 tons of hazardous waste as part of a corrective action on the property and the tax was assessed when the waste was disposed.

Investigation & Remediation / Project Manager / Real Estate Developer / Maryland Developed and implemented an accelerated environmental response that reduced investigation, remediation, and compliance costs for an uncontrolled hazardous waste dump by at least 80%. Negotiated risk-based cleanup levels and institutional controls resulting in focused remediation. Expedited the investigation and clean-up to successfully keep the site out of the CERCLA program and allow redevelopment of the industrial tract for a mixed-use community. Directed emergency action to remove PCBs from a residential property and sensitive ecological area.

**Brownfield Redevelopment / Project Manager / Transportation / West Virginia**Negotiated and implemented risk-based closure at a former rail yard to substantially reduce the scope of remediation, resulting in savings of over \$1 million. Investigated historic operation, maintenance, fabrication, and landfill areas and delineated areas of concern containing heavy metals, petroleum hydrocarbons, and pesticides in soil. Limited remedial action by tying cleanup levels to future commercial use.

RCRA Site Risk-Based Closure / Project Manager / Pulp & Paper / North Carolina Initiated and performed reassessment of active remediation system employed for chlorinated hydrocarbons in fractured rock aquifer at a landfill, resulting in \$80,000 annual savings in monitoring, O&M, and reporting costs. Successfully implemented alternative risk-based remedy of natural attenuation and decommissioned the groundwater extraction/air stripper system.



**Investigation & Remediation / Project Manager / Transportation / North Carolina** Employed innovative site characterization techniques, fate and transport modeling, and risk analysis to minimize remedial action at locomotive fueling facilities, realizing 75% savings in the remediation budget. Established a remedy that was protective of nearby residential wells and municipal water supply and recovered free-phase hydrocarbons.

**Fuel Oil Investigation and Remediation / Project Manager / Pulp and Paper / Wisconsin** Applied innovative field methods to rapidly evaluate free-phase and dissolved hydrocarbons to support facility expansion decision, with an accelerated schedule to accommodate management and fiscal deadlines. Drilling, sampling, and analysis costs were 50% lower than typical as a result of the innovative methods employed.

Stream Assessment & Risk-Based Remediation / Project Manager / Transportation / MO Lead was released to a stream from maintenance activities. Regulators initially proposed that all sediments containing lead above an arbitrary concentration be remediated. Through an innovative combination of ecological risk assessment and statistical analysis of background concentrations, the scope and cost of remediation was drastically reduced.

# General Environmental Litigation Support / Consultant / Legal / Eastern US

Provided environmental support on a variety of environmental projects in litigation or potentially heading toward litigation. Experience includes assessing environmental data for an industrial client subject to a class-action lawsuit from residential property owners, and for a cost recovery case between two industrial parties where the responsible party was in dispute. Provided exclusive sampling and management for sites with multiple responsible parties and for sites where the release source was disputed.

# Real Estate Transaction, Merger and Acquisition Support / Consultant / Real Estate / Southeast

Conducted exclusive third party reviews of environmental assessment documents and provided environmental and financial risk estimates to support lending decisions for financial clients. Provided buyer's and seller's environmental support, including investigations, remediation, and financial liability estimates for multi-property corporate transactions. Conducted ASTM-compliant Phase I and Phase II ESAs for transaction due diligence. Developed innovative approaches to fast-track environmental solutions under short closing deadlines.

Field Sampling, Collection & Interpretation/ Consultant / Multiple Industries / Eastern US Field experience includes sample collection (groundwater, air, methane, soil, sediment, surface water, waste), geophysical data collection and interpretation (ground penetrating radar, ground resistivity, seismic, borehole geophysical methods), field chemical analysis (immunoassay, portable x-ray fluorescence), well installation, operation and maintenance of groundwater treatment systems. Managed soil and waste removal, assessment activities, groundwater remedial activities, and treatment system installation.

#### PROFESSIONAL QUALIFICATIONS



# Registrations

Professional Geologist: Georgia, North Carolina, South Carolina, Tennessee

# **EDUCATION University of Georgia, Athens, Georgia**

M.S., Geology

B.S., Geology

# PAPERS AND PUBLICATIONS

- Geologic Setting of the New Production Reactor Reference Site within the Savannah River Site, V. Price, W.C. Fallaw, J.B. McKinney, WSRC-RP-91-96, Westinghouse Savannah River Corporation, U.S. Department of Energy, 80 pp., 1991.
- Water Resources in Karst Terranes: Evaluation and Protection, J.B. McKinney, Georgia Water Pollution and Control Association Annual Conference, Atlanta, Georgia, August 1994.
- Stormwater Pollution Prevention for the Frontline Employee, R.E. Hadden and J.B. McKinney, Georgia Mining Association Environmental Conference, Macon, Georgia, August 1994.
- Risk Assessment as a Tool in Brownfield Site Development, M.J. Boyer, A. Spencer, and J.B. McKinney, Georgia Water Pollution and Control Association Annual Meeting, Savannah, Georgia, August 1997.
- The Future of Water Resources in the Southeast, J.B. McKinney, Georgia Water Pollution and Control Association Industrial Conference, Atlanta, Georgia, February 2000.

# **PROFESSIONAL ACTIVITIES**

- Society of Mining, Metallurgy, and Engineering (SME), Georgia Chapter Education Committee, State Representative for Transformations Project Education Mentoring Initiative
- Georgia Mining Association, Environmental Committee
- Railroad Environmental Group